

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	1	"20020123515".pn.	US-PGPUB; USPAT	OR	ON	2006/09/13 15:07
L7	468	548/375.1.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/13 15:07
S1	1	"20060116414".pn.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:09
S2	5	("3859338" "3928364" "4016214" "4036989" "7098227").PN.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:09
S3	5	("20060116414" "20050124815" "20060148886" "20040044060" "20040077692").PN.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:11
S4	3	("20040029930" "6515000" "6503932").PN.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:11
S5	13	S1 S2 S3 S4	US-PGPUB; USPAT	OR	ON	2006/09/13 14:48

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	4	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	5	MAY 11	KOREAPAT updates resume
NEWS	6	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	7	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	8	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	9	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	10	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS	11	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS	12	JUL 11	CHEMSAFE reloaded and enhanced
NEWS	13	JUL 14	FSTA enhanced with Japanese patents
NEWS	14	JUL 19	Coverage of Research Disclosure reinstated in DWPI
NEWS	15	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS	16	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	17	AUG 30	CA(SM)/CAPLUS(SM) Austrian patent law changes
NEWS	18	SEP 11	CA/CAPLUS enhanced with more pre-1907 records
NEWS EXPRESS		JUNE 30	CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

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FILE 'HOME' ENTERED AT 13:16:42 ON 13 SEP 2006

10540036.trn

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:16:52 ON 13 SEP 2006

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STRUCTURE FILE UPDATES: 12 SEP 2006 HIGHEST RN 906508-44-9

DICTIONARY FILE UPDATES: 12 SEP 2006 HIGHEST RN 906508-44-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

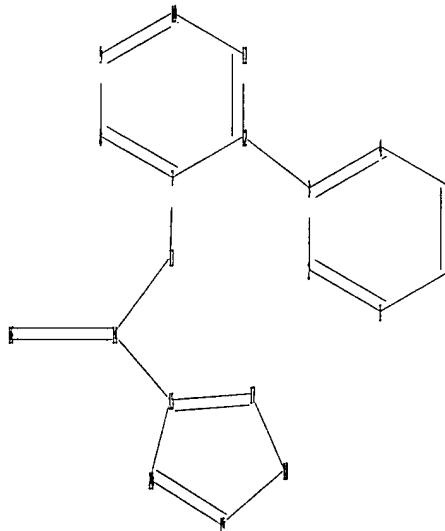
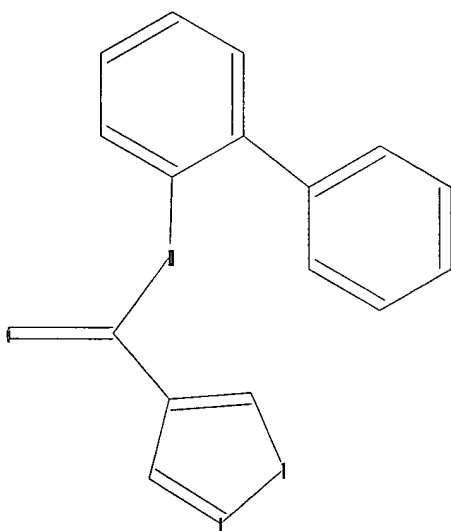
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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Uploading C:\Program Files\Stnexp\Queries\10540036\Struc 3.str



chain nodes :

13 14 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 15 17 18 19 20

chain bonds :

3-12 7-13 13-14 14-15 14-16

ring bonds :

10540036.trn

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 15-17 15-20
17-18 18-19 19-20
exact/norm bonds :
7-13 13-14 14-16 15-17 15-20 17-18 18-19 19-20
exact bonds :
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normalized bonds :
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Match level :

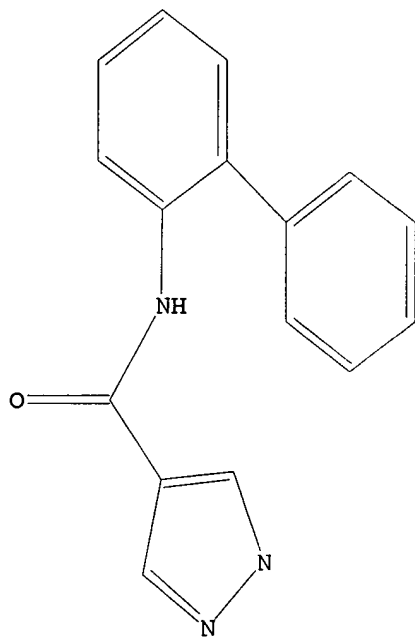
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20:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> l1

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SAMPLE SCREEN SEARCH COMPLETED - 21 TO ITERATE

100.0% PROCESSED 21 ITERATIONS

17 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

10540036.trn

BATCH **COMPLETE**
PROJECTED ITERATIONS: 146 TO 694
PROJECTED ANSWERS: 93 TO 587

L2 17 SEA SSS SAM L1

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100.0% PROCESSED 487 ITERATIONS 387 ANSWERS
SEARCH TIME: 00.00.01

L3 387 SEA SSS FUL L1

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166.94 167.15

FILE 'MEDLINE' ENTERED AT 13:17:13 ON 13 SEP 2006

FILE 'CAPLUS' ENTERED AT 13:17:13 ON 13 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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=> l3
L4 28 L3

=> d ibib abs hitstr 1-28

L4 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:512967 CAPLUS
DOCUMENT NUMBER: 144:482751
TITLE: Synergistic fungicidal menadione compositions
INVENTOR(S): Koehle, Harald; Stierl, Reinhard; Gold, Randall Evan;
Goerth, Felix Christian; Speakman, John-Bryan; Dombo,
Peter; Semar, Martin; Strobel, Dieter; Niedenbrueck,
Matthias; Bestman, Hans
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2006056434	A1	20060601	WO 2005-EP12562	20051124
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,			

CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

DE 2004-102004057279A 20041126

OTHER SOURCE(S): MARPAT 144:482751

AB Synergistic fungicidal compns. comprise menadione and at least one agent selected from: (A) azoles, such as cyproconazole, difenoconazole, epoxiconazole, fluquinconazole, flusilazole, hexaconazole, imazalil, metconazole, myclobutanil, penconazole, prochloraz, prothioconazole, tebuconazole, triadimefon, triadimenol, triflumizole; (B) strobilurines, such as azoxystrobin, dimoxystrobin, fluoxastrobin, kresoxim-Me, metominostrobin, oryastrobin, picoxystrobin, pyraclostrobin, or trifloxystrobin; (C) acylalanines, such as benalaxyl, metalaxyl, mefenoxam, ofurace, oxadixyl; (D) amine derivs., such as spiroxamine; (E) anilinopyrimidines, such as pyrimethanil, mepanipyrim, or cyprodinil, (F) dicarboximides, such as iprodion, procymidon, vinclozolin; (G) cinnamamides and analogs, such as dimethomorph, flumetover, or flumorph; (H) dithiocarbamates, such as ferbam, nabam, maneb, metam, metiram, propineb, polycarbamate, thiram, ziram, zineb; (I) heterocyclic compds., such as benomyl, boscalid, carbendazim, dithianon, famoxadone, fenamidone, picobenzamide, proquinazid, quinoxifen, thiophanat-Me, triforine, 5-chloro-7-(4-methyl-piperidine-1-yl)-6-(2,4,6-trifluoro-phenyl)-[1,2,4]triazolo[1,5-a]pyrimidin, 3-(3-bromo-6-fluoro-2-methyl-indol-1-sulfonyl)-[1,2,4]triazol-1-sulfonic acid di-Me amide, or thiophene derivs.

IT 887499-95-8

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)

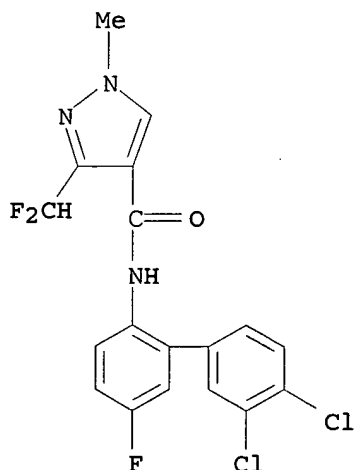
RN 887499-95-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2-methyl-1,4-naphthalenedione (9CI) (CA INDEX NAME)

CM 1

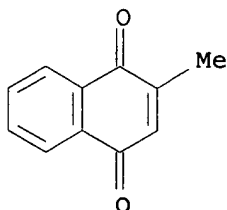
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CM 2

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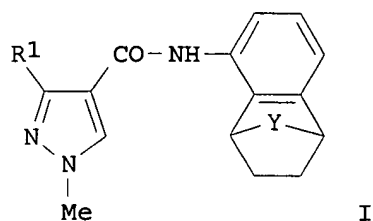


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

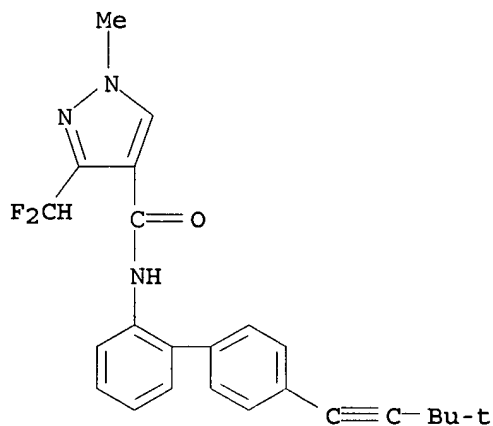
L4 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:343598 CAPLUS
DOCUMENT NUMBER: 144:364543
TITLE: Synergistic fungicidal compositions comprising pyrazole derivatives
INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans
PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
SOURCE: PCT Int. Appl., 142 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037632	A1	20060413	WO 2005-EP10755	20051006
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

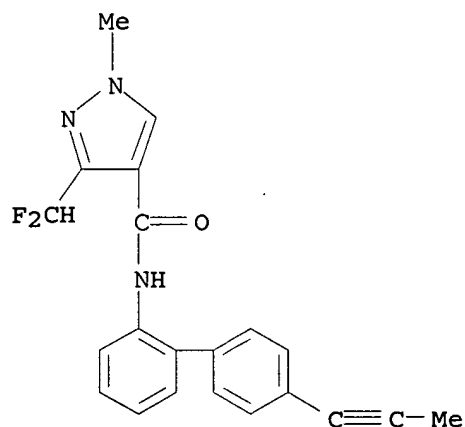
PRIORITY APPLN. INFO.: GB 2004-22401 A 20041008
OTHER SOURCE(S): MARPAT 144:364543
GI



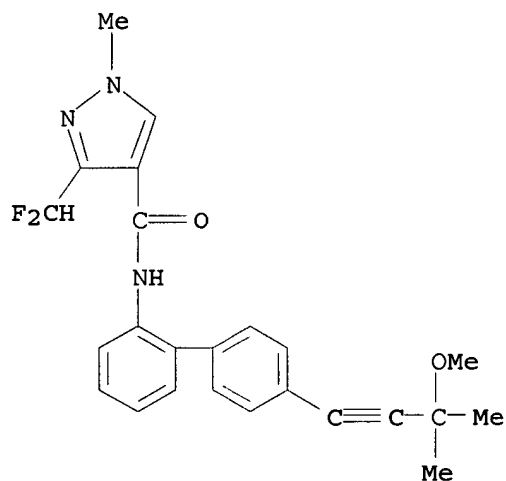
- AB Synergistic fungicidal compns. comprise a pyrazole derivative I (R1 = difluoromethyl or trifluoromethyl; Y = CHR2 or C:CH2; R2 = H or alkyl) or a I tautomer and component any of a very large number of known fungicides and insecticides.
- IT 723746-91-6D, mixts. with pyrazole derivs. 723746-94-9D, mixts. with pyrazole derivs. 723747-35-1D, mixts. with pyrazole derivs. 723747-41-9D, mixts. with pyrazole derivs.
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)
- RN 723746-91-6 CAPLUS
- CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



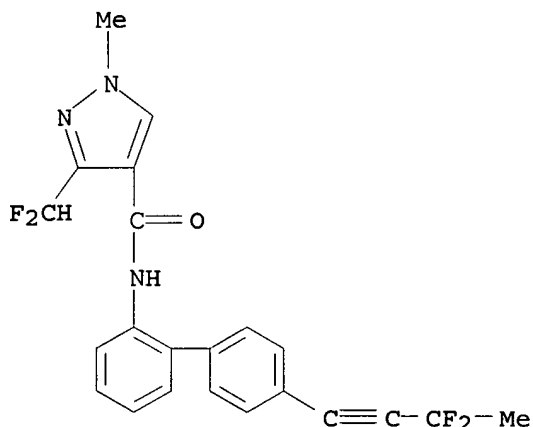
- RN 723746-94-9 CAPLUS
- CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



RN 723747-35-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



RN 723747-41-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:343286 CAPLUS

DOCUMENT NUMBER: 144:364542

TITLE: Synergistic fungicidal compositions comprising a pyridine derivative

INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrendfreund, Josef; Lamberth, Clemens; Tobler, Hans

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 112 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

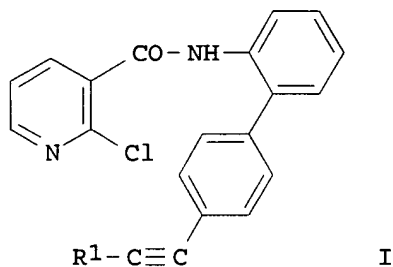
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037633	A1	20060413	WO 2005-EP10756	20051006
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

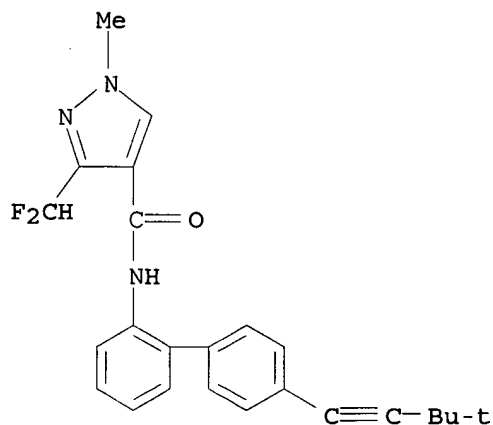
PRIORITY APPLN. INFO.: GB 2004-22399 A 20041008

OTHER SOURCE(S): MARPAT 144:364542

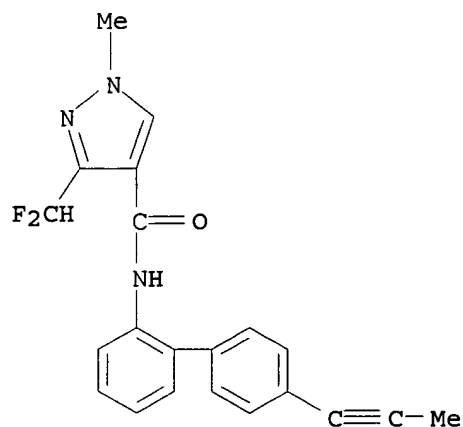
GI



- AB A method of controlling phytopathogenic diseases on useful plants or on plant propagation material comprises applying a pyridine derivative I (R1 = alkyl, alkoxyalkyl or haloalkyl) or a I tautomer, in a mixts. with any of a very large number of known fungicides and/or insecticides.
- IT 723746-91-6D, mixts. with pyridine derivs. 723746-94-9D, mixts. with pyridine derivs. 723747-35-1D, mixts. with pyridine derivs. 723747-41-9D, mixts. with pyridine derivs.
- RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)
- RN 723746-91-6 CAPLUS
- CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butyryl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

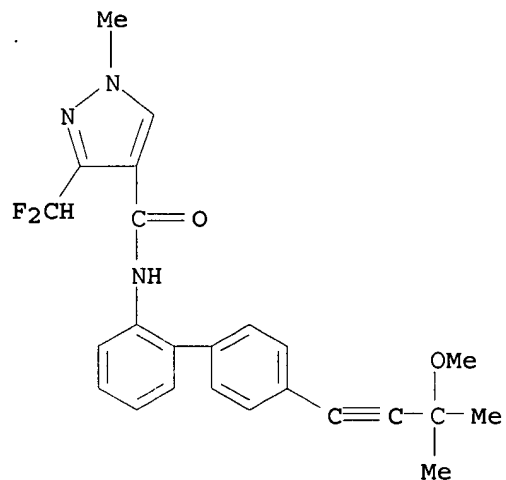


- RN 723746-94-9 CAPLUS
- CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



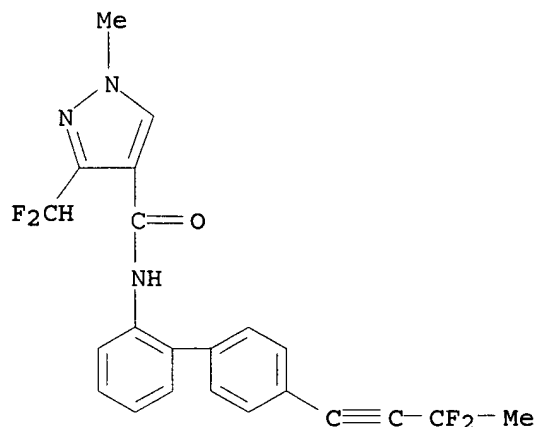
RN 723747-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



RN 723747-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:342999 CAPLUS

DOCUMENT NUMBER: 144:364541

TITLE: Synergistic fungicidal compositions comprising a pyrazole derivative

INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 139 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

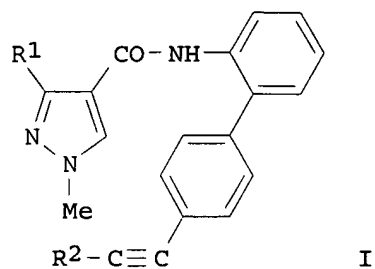
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037634	A1	20060413	WO 2005-EP10757	20051006
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: GB 2004-22400 A 20041008

OTHER SOURCE(S): MARPAT 144:364541

GI



AB Synergistic fungicidal compns. comprise a pyrazole derivative I (R1 = difluoromethyl or trifluoromethyl; R2 = alkyl, alkoxyalkyl or haloalkyl) or a I tautomer and any of a very large number of known fungicides and/or insecticides.

IT 881685-73-0 881685-74-1 881685-75-2
881685-76-3 881685-77-4 881685-78-5
881685-79-6

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)

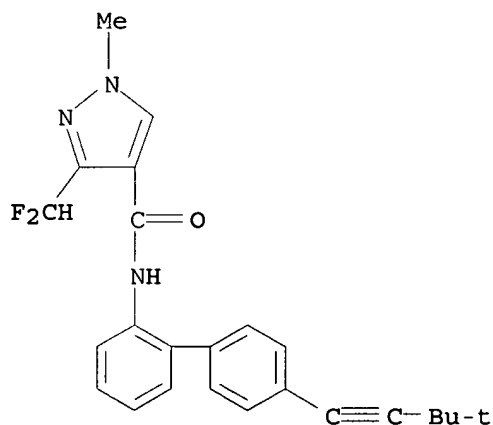
RN 881685-73-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 1-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]piperidine (9CI) (CA INDEX NAME)

CM 1

CRN 723746-91-6

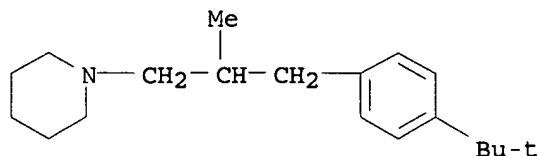
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CM 2

CRN 67306-00-7

CMF C19 H31 N



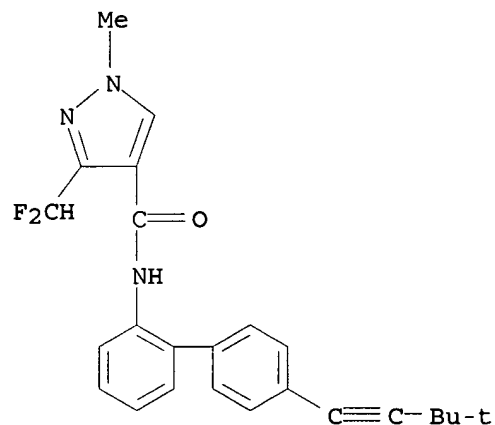
RN 881685-74-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 4-(2,2-difluoro-1,3-benzodioxol-4-yl)-1H-pyrrole-3-carbonitrile (9CI) (CA INDEX NAME)

CM 1

CRN 723746-91-6

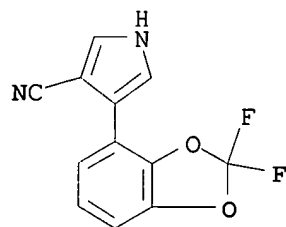
CMF C24 H23 F2 N3 O



CM 2

CRN 131341-86-1

CMF C12 H6 F2 N2 O2



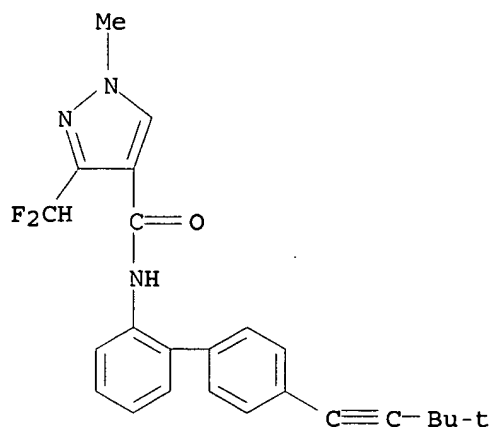
RN 881685-75-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 723746-91-6

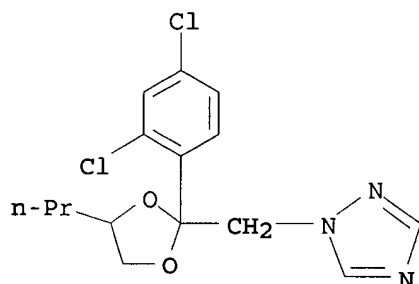
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CM 2

CRN 60207-90-1

CMF C15 H17 Cl2 N3 O2



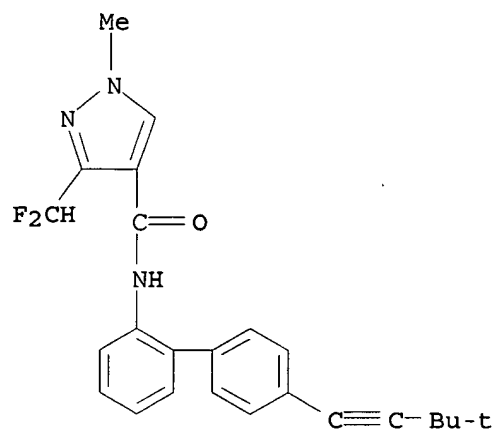
RN 881685-76-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl) [1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with α -(4-chlorophenyl)- α -(1-cyclopropylethyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

CM 1

CRN 723746-91-6

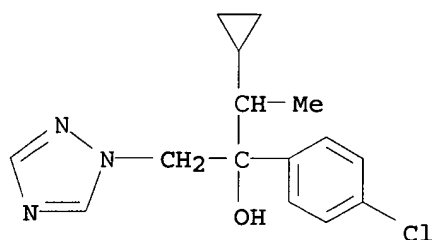
CMF C24 H23 F2 N3 O



CM 2

CRN 94361-06-5

CMF C15 H18 Cl N3 O



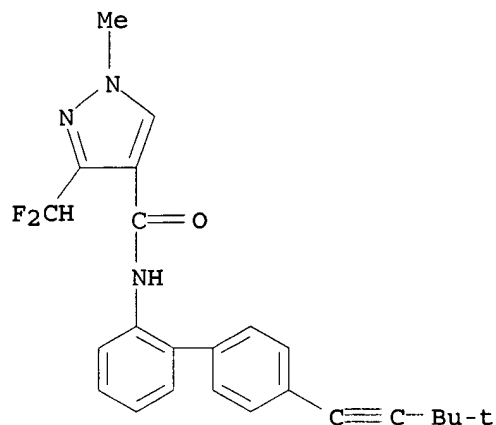
RN 881685-77-4 CAPLUS

CN Benzeneacetic acid, 2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]- α -(methoxymethylene)-, methyl ester, (α E)-, mixt. with 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 723746-91-6

CMF C24 H23 F2 N3 O

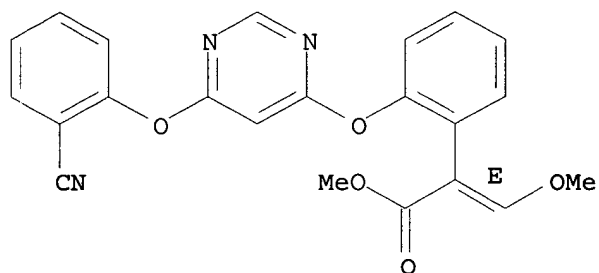


CM 2

CRN 131860-33-8

CMF C22 H17 N3 O5

Double bond geometry as shown.



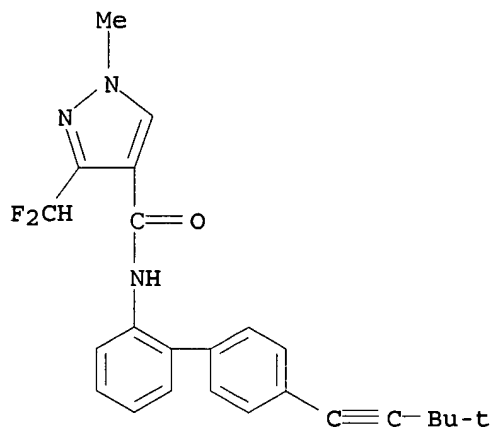
RN 881685-78-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile (9CI) (CA INDEX NAME)

CM 1

CRN 723746-91-6

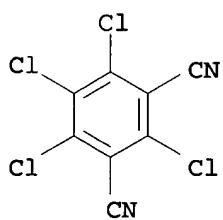
CMF C24 H23 F2 N3 O



CM 2

CRN 1897-45-6

CMF C8 C14 N2



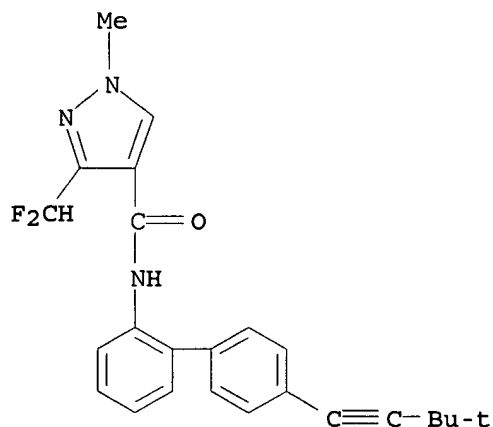
RN 881685-79-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 4-cyclopropyl-6-methyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)

CM 1

CRN 723746-91-6

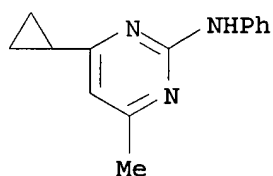
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CM 2

CRN 121552-61-2

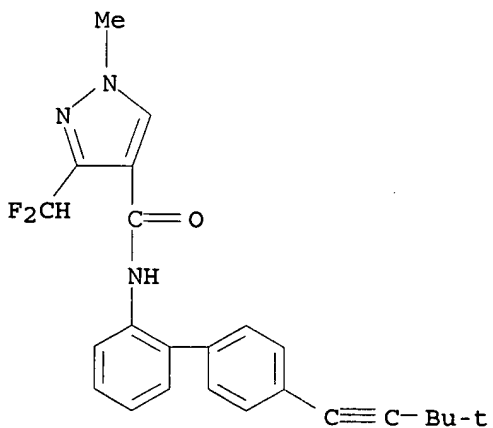
CMF C14 H15 N3



IT 723746-91-6D, mixts. containing 723746-94-9D, mixts. containing
723747-35-1D, mixts. containing 723747-41-9D, mixts. containing
881685-72-9D, mixts. containing
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)

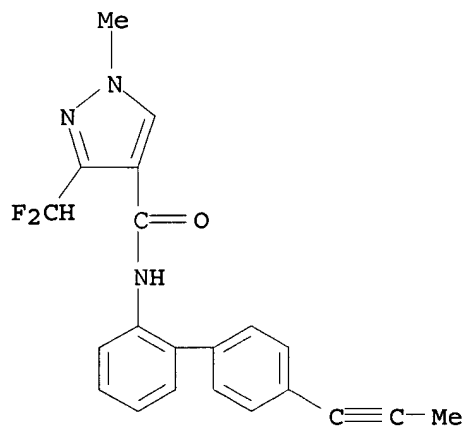
RN 723746-91-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl) [1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



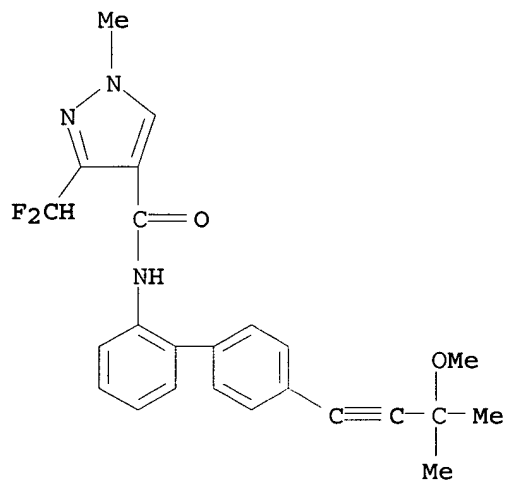
RN 723746-94-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



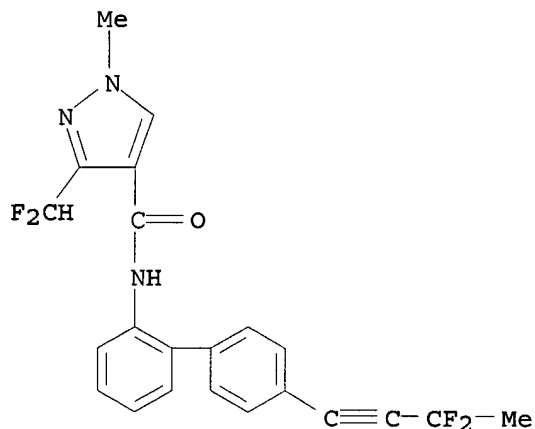
RN 723747-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

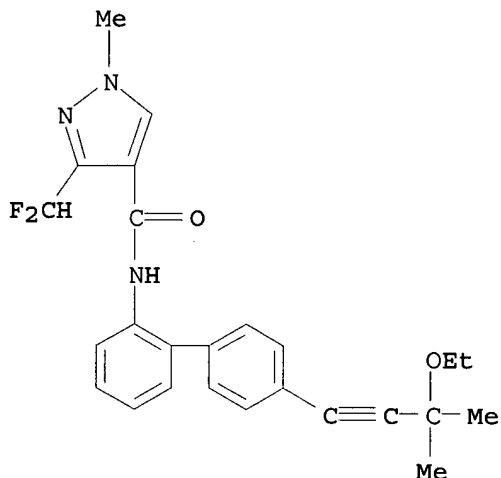


RN 723747-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 881685-72-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-ethoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:273896 CAPLUS
 DOCUMENT NUMBER: 144:306857
 TITLE: Synergistic fungicidal compositions comprising spiroxamine, an azole and a carboxamide derivative
 INVENTOR(S): Dahmen, Peter; Wachendorff-Neumann, Ulrike; Dunkel, Ralf
 PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
 SOURCE: Ger. Offen., 29 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102004045242	A1	20060323	DE 2004-102004045242	20040917
WO 2006032356	A1	20060330	WO 2005-EP9503	20050903

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2004-102004045242A 20040917

OTHER SOURCE(S): MARPAT 144:306857

AB Synergistic fungicidal comps. comprise spiroxamine, a known azole fungicide, such as prothioconazole, and a known carboxamide derivative fungicide.

IT 879882-93-6 879882-94-7 879882-95-8
879882-96-9 879882-97-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicide composition)

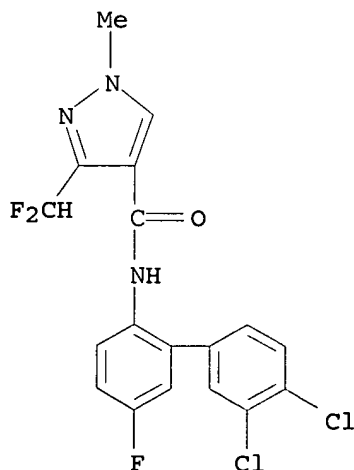
RN 879882-93-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

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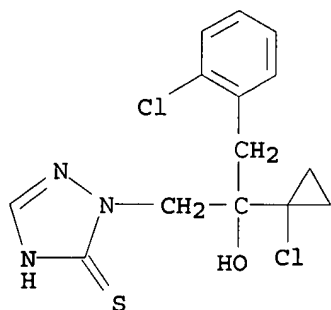
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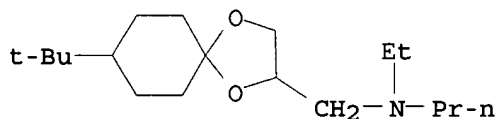
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CMF C14 H15 Cl2 N3 O S



CM 3

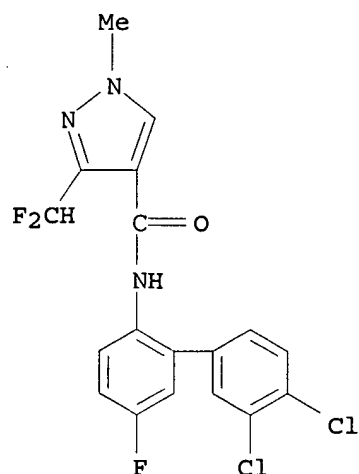
CRN 118134-30-8
CMF C18 H35 N O2



RN 879882-94-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

CM 1

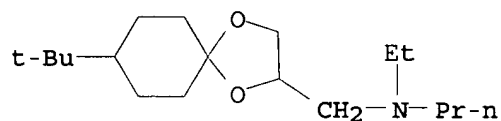
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CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 118134-30-8

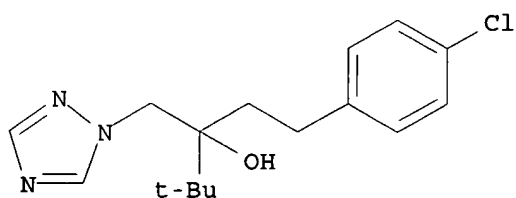
CMF C18 H35 N O2



CM 3

CRN 107534-96-3

CMF C16 H22 Cl N3 O



RN 879882-95-8 CAPLUS

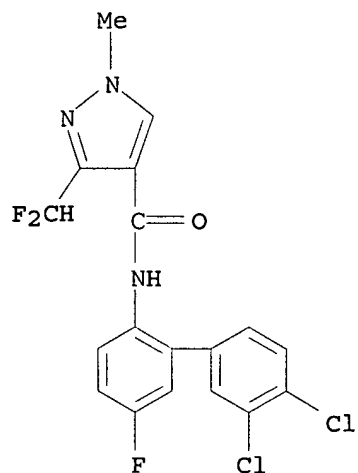
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with β-([1,1'-biphenyl]-4-yloxy)-α-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

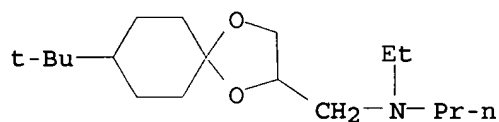
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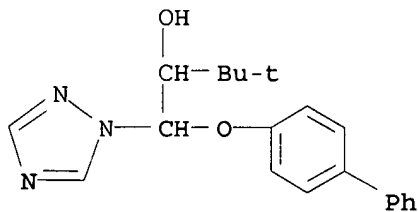
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CM 3

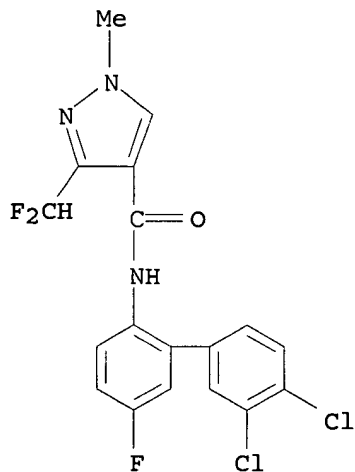
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RN 879882-96-9 CAPLUS
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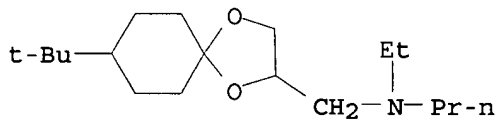
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



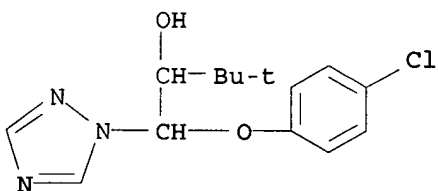
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CRN 118134-30-8
CMF C18 H35 N O2



CM 3

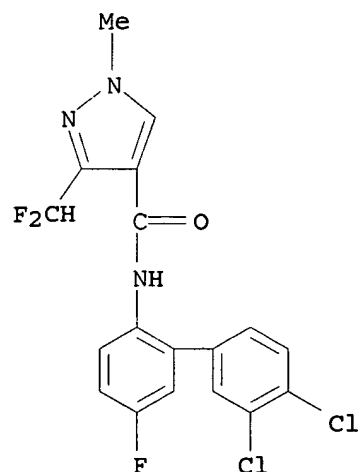
CRN 55219-65-3
CMF C14 H18 Cl N3 O2



RN 879882-97-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)-4(3H)-quinazolinone and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

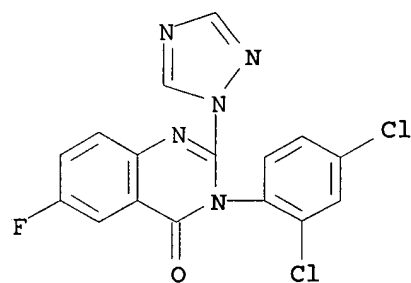
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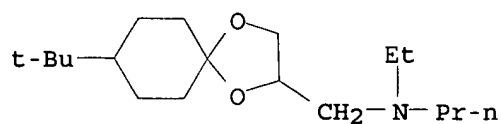
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CM 3

CRN 118134-30-8
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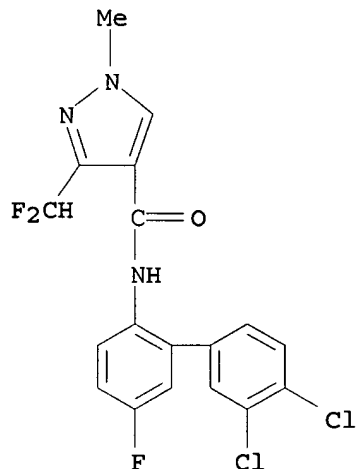
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851018-45-6D, mixts. with spiroxamine and azoles
851018-46-7D, mixts. with spiroxamine and azoles
879882-80-1D, mixts. with spiroxamine and azoles

10540036.trn

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicide compns.)

RN 581809-46-3 CAPLUS

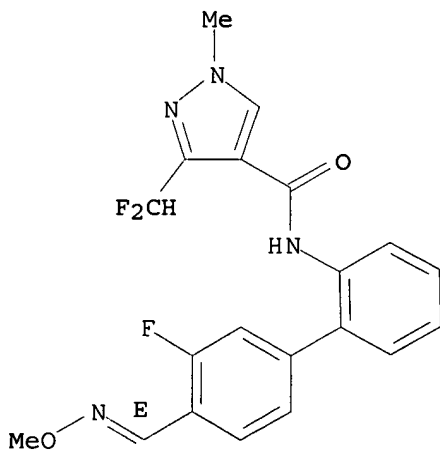
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-
3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 851018-45-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-fluoro-4'-{(E)-(methoxyimino)methyl}[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

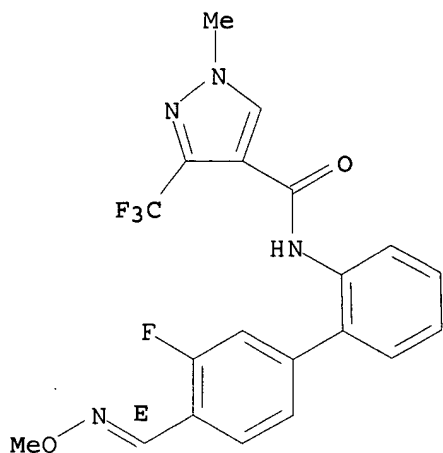
Double bond geometry as shown.



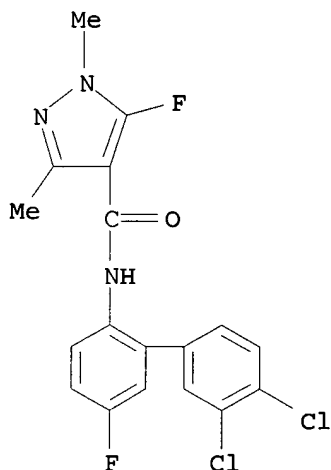
RN 851018-46-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-{(E)-(methoxyimino)methyl}[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 879882-80-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

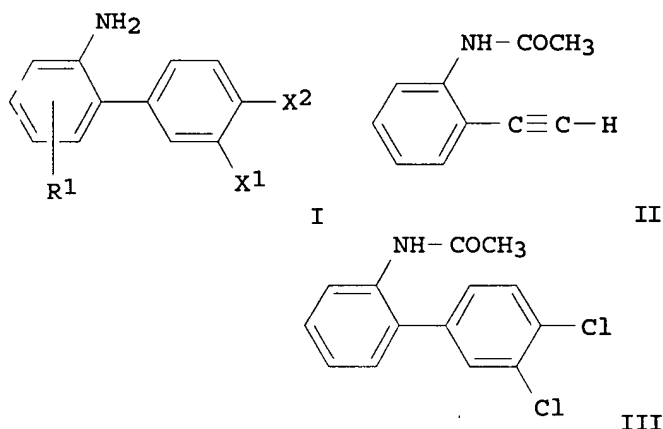


L4 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:190961 CAPLUS
 DOCUMENT NUMBER: 144:253890
 TITLE: Preparation of 2-biphenylamines as agrochemical fungicides
 INVENTOR(S): Joerges, Wolfgang; Heinrich, Jens-Dietmar; Lantzsch, Reinhard
 PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
 SOURCE: Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 102004041531	A1	20060302	DE 2004-102004041531	20040827
WO 2006024388	A1	20060309	WO 2005-EP8838	20050813
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: DE 2004-102004041531A 20040827
OTHER SOURCE(S): MARPAT 144:253890
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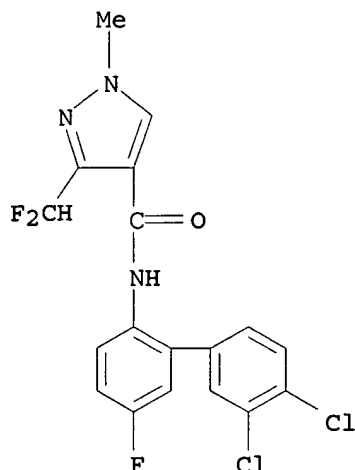


AB Title compds. I [R1 = H, halo, alkyl, etc.; X1 = halo; X2 = halo] were prepared For example, tandem cycloaddn.-cycloreversion of 3,4-dichlororothiophene 1,1-dioxide and phenylethyne II afforded 2-biphenylamine in 73% yield. Of note, compds. are useful intermediates in the production of agrochem. fungicides.

IT 581809-46-3P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of 2-biphenylamines as agrochem. fungicides)

RN 581809-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1355575 CAPLUS

DOCUMENT NUMBER: 144:88282

TITLE: Preparation of 1-methyl-3-difluoromethylpyrazole-4-carboxylic acid anilides as agrochemical fungicides
 INVENTOR(S): Gewehr, Markus; Mueller, Bernd; Grote, Thomas; Grammenos, Wassilios; Schwoegler, Anja; Rheinheimer, Joachim; Blettner, Carsten; Schaefer, Peter; Schieweck, Frank; Wagner, Oliver; Werner, Frank; Rether, Jan; Strathmann, Siegfried; Stierl, Reinhard; Scherer, Maria

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 33 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

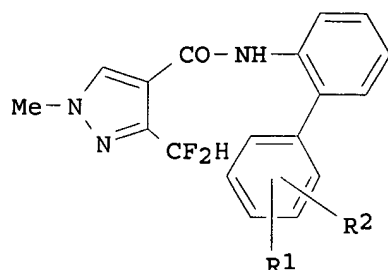
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005123690	A1	20051229	WO 2005-EP6479	20050616
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

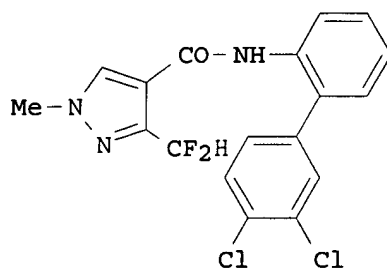
PRIORITY APPLN. INFO.: DE 2004-102004029469A 20040618

OTHER SOURCE(S): MARPAT 144:88282

GI



I



II

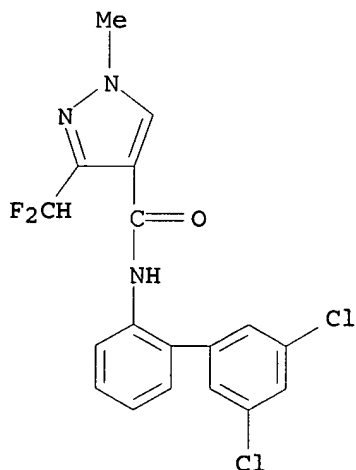
AB Title compds. I [R1, R2 = halo, alkyl, haloalkyl, etc.] were prepared For example, condensation of ortho-(3,4-dichlorophenyl)aniline and 1-methyl-3-difluoromethylpyrazole-4-carbonyl chloride afforded pyrazole II. In protection assays against brown wheat rust caused by puccinia recondita, compds. I provided 65-70% protection after 7-days.

IT 872121-91-0P 872121-92-1P 872121-93-2P
872121-94-3P 872121-95-4P 872121-96-5P
872121-97-6P 872121-98-7P 872121-99-8P
872122-00-4P 872122-01-5P 872122-02-6P
872122-03-7P 872122-04-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of methyl difluoromethylpyrazolecarboxylic acid anilides as agrochem. fungicides)

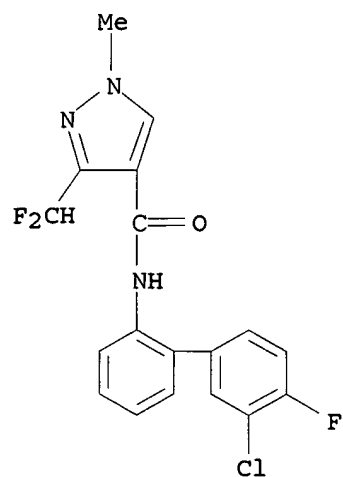
RN 872121-91-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',5'-dichloro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



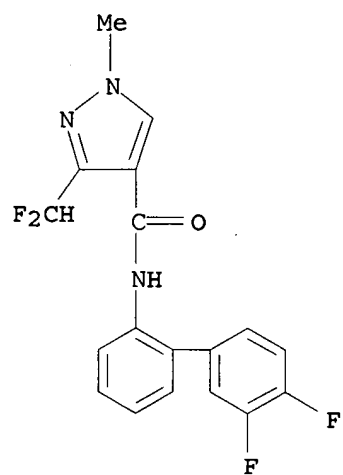
RN 872121-92-1 CAPLUS

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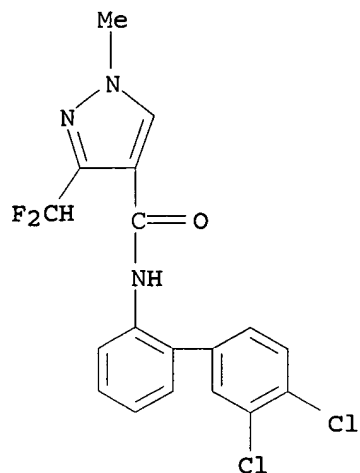
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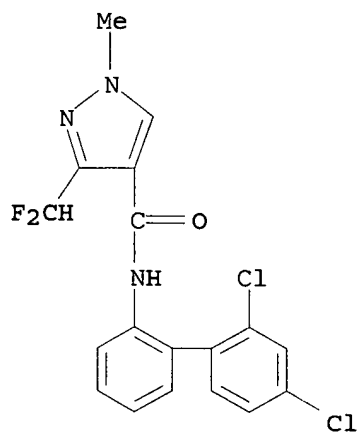
RN 872121-94-3 CAPLUS

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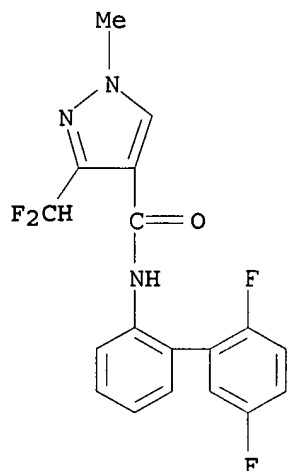
RN 872121-95-4 CAPLUS

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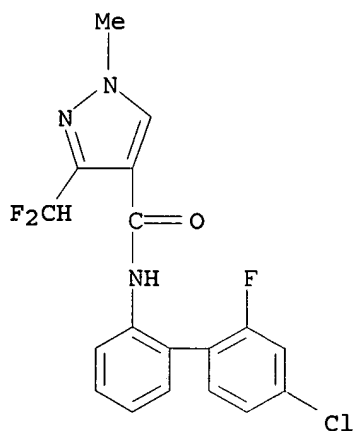
RN 872121-96-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',5'-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



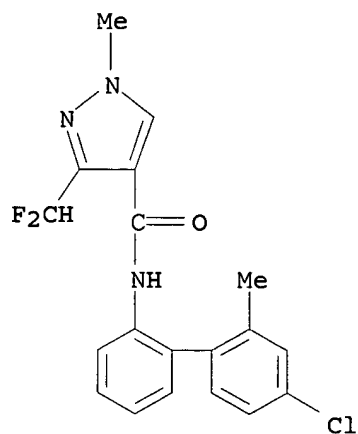
RN 872121-97-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-2'-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



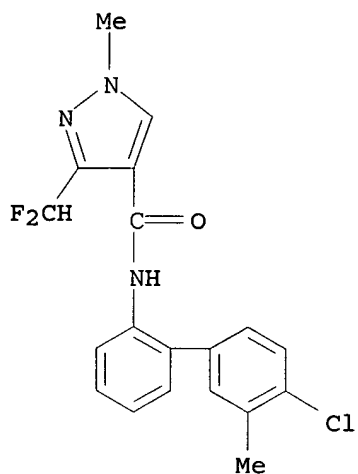
RN 872121-98-7 CAPLUS

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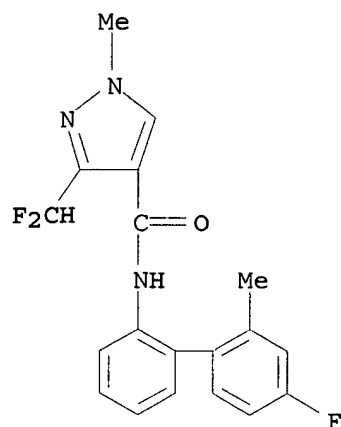
RN 872121-99-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3'-methyl[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



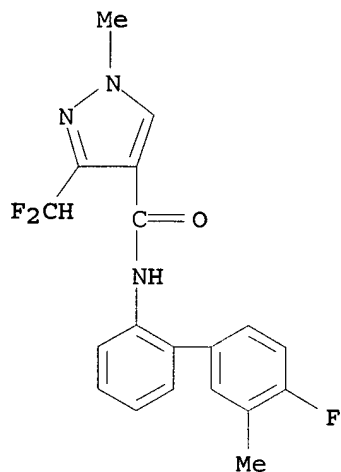
RN 872122-00-4 CAPLUS

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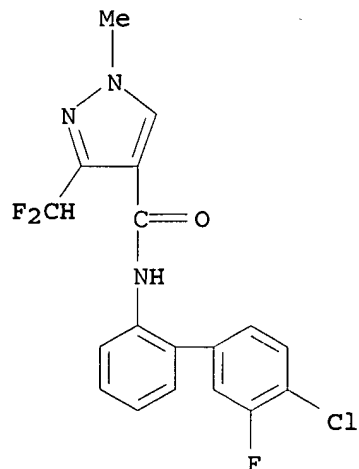
RN 872122-01-5 CAPLUS

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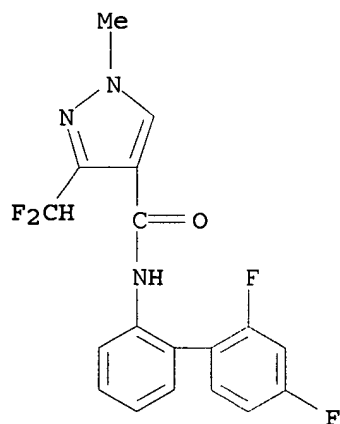
RN 872122-02-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3'-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



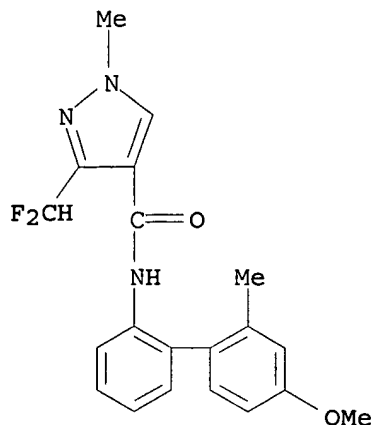
RN 872122-03-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',4'-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 872122-04-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-methoxy-2'-methyl[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1350318 CAPLUS

DOCUMENT NUMBER: 144:88280

TITLE: Preparation of 1-methyl-3-trifluoromethylpyrazole-4-carboxylic acid anilides as agrochemical fungicides

INVENTOR(S): Gewehr, Markus; Mueller, Bernd; Grote, Thomas; Grammenos, Wassilios; Schwoegler, Anja; Rheinheimer, Joachim; Blettner, Carsten; Schaefer, Peter; Schieweck, Frank; Wagner, Oliver; Werner, Frank; Rether, Jan; Strathmann, Siegfried; Stierl, Reinhard; Scherer, Maria

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

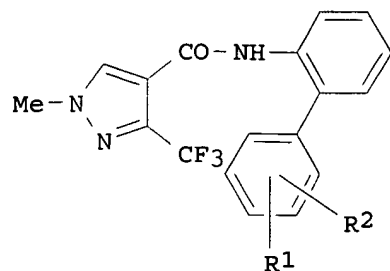
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005123689	A1	20051229	WO 2005-EP6278	20050611
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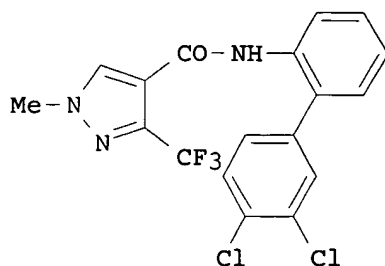
PRIORITY APPLN. INFO.: DE 2004-102004029468A 20040618

OTHER SOURCE(S): MARPAT 144:88280

GI



I



II

AB Title compds. I [R1, R2 = halo, alkyl, haloalkyl, etc.] were prepared For example, condensation of ortho-(3,4-dichlorophenyl)aniline and 1-methyl-3-trifluoromethylpyrazole-4-carbonyl chloride afforded pyrazole II. In protection assays against brown wheat rust caused by puccinia recondita, compds. I provided 65-70% protection after 7-days.

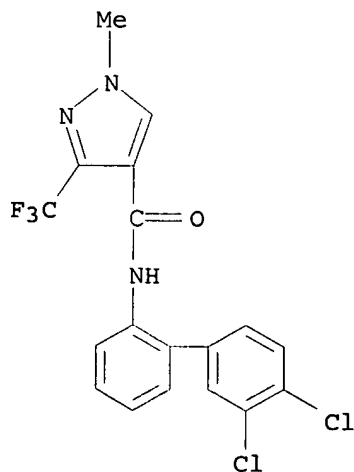
IT 872121-53-4P 872121-54-5P 872121-55-6P
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872121-68-1P 872121-69-2P 872121-70-5P
872121-71-6P 872121-72-7P 872121-73-8P
872121-74-9P 872121-75-0P 872121-76-1P
872121-77-2P 872121-78-3P 872121-79-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of methyltrifluoromethylpyrazolecarboxylic acid anilides as agrochem. fungicides)

RN 872121-53-4 CAPLUS

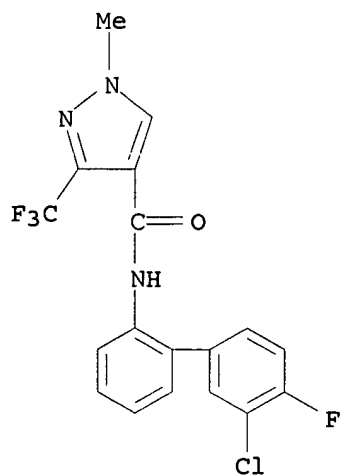
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 872121-54-5 CAPLUS

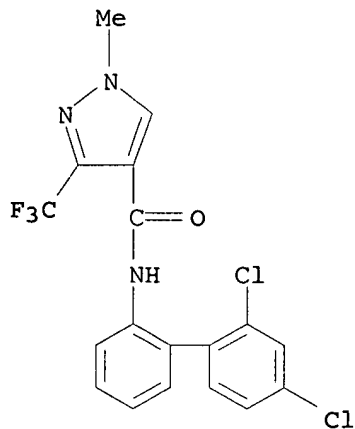
CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-fluoro[1,1'-biphenyl]-2-yl)-1-

methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



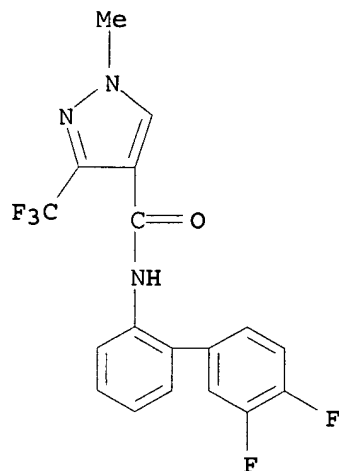
RN 872121-55-6 CAPLUS

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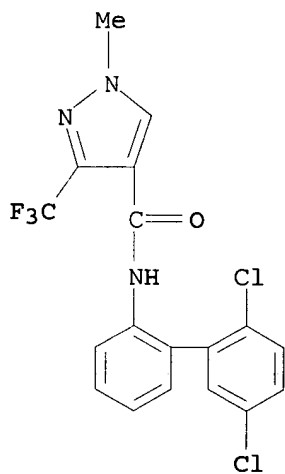


RN 872121-56-7 CAPLUS

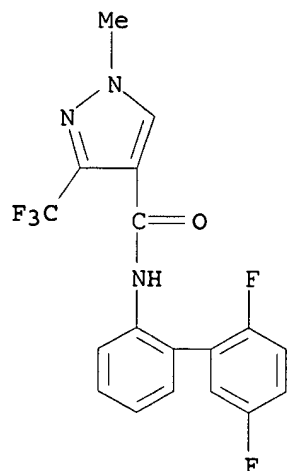
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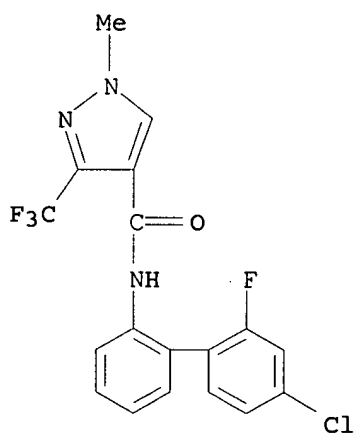
RN 872121-57-8 CAPLUS
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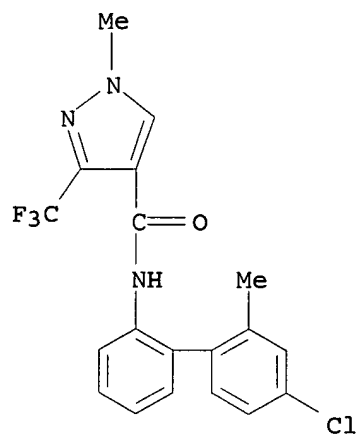
RN 872121-58-9 CAPLUS
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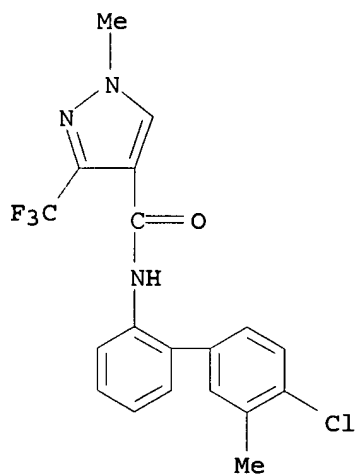
RN 872121-59-0 CAPLUS
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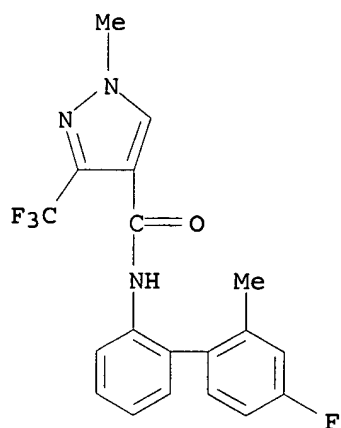
RN 872121-60-3 CAPLUS
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RN 872121-61-4 CAPLUS
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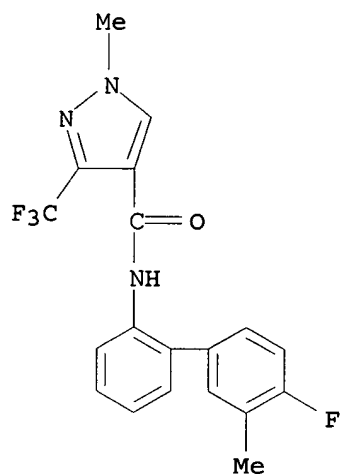


RN 872121-63-6 CAPLUS
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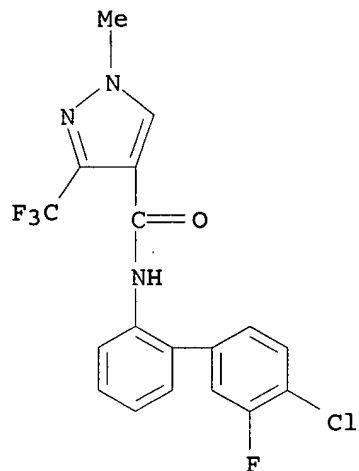
RN 872121-65-8 CAPLUS

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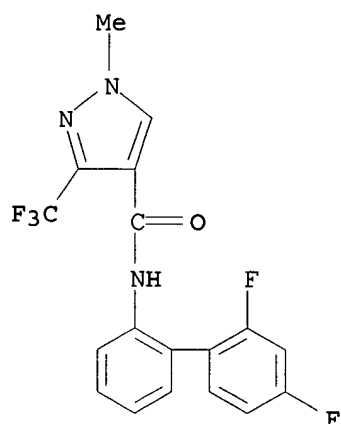
RN 872121-67-0 CAPLUS

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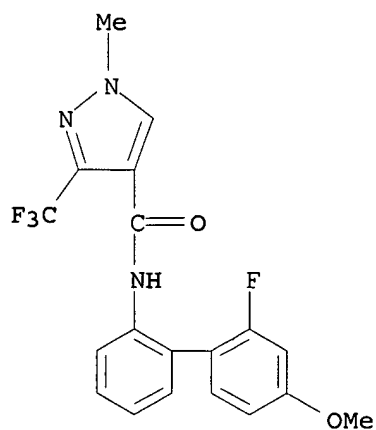
RN 872121-68-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',4'-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



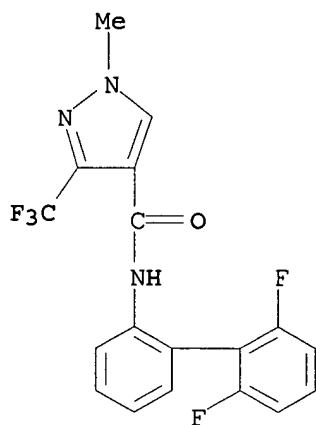
RN 872121-69-2 CAPLUS

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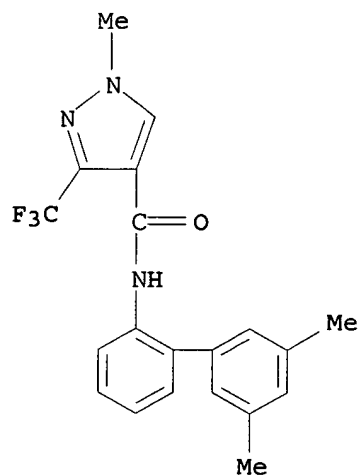
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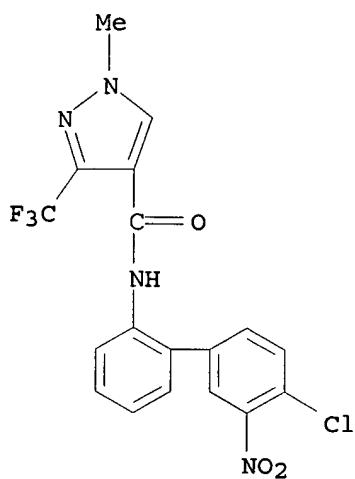


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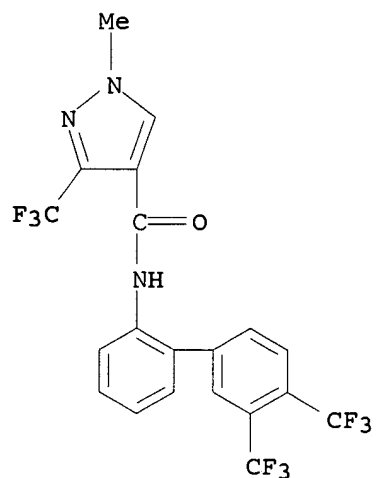
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RN 872121-72-7 CAPLUS
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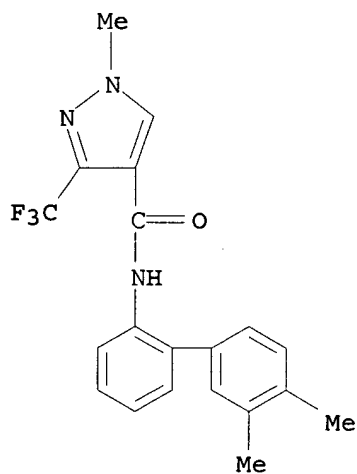


RN 872121-73-8 CAPLUS
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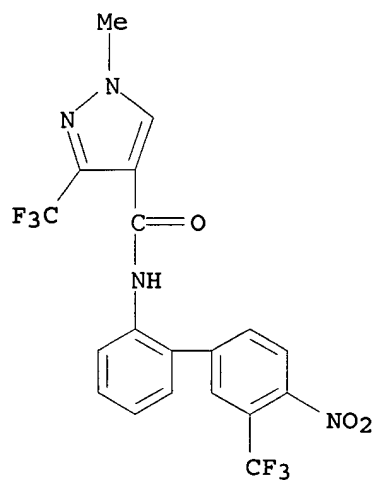
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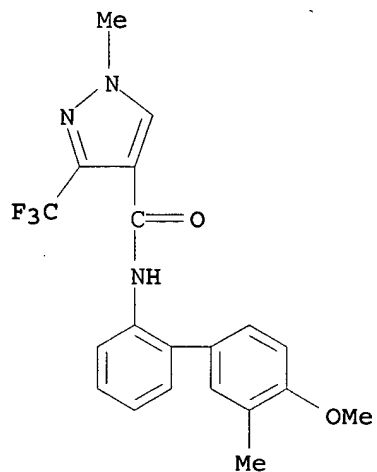
RN 872121-75-0 CAPLUS

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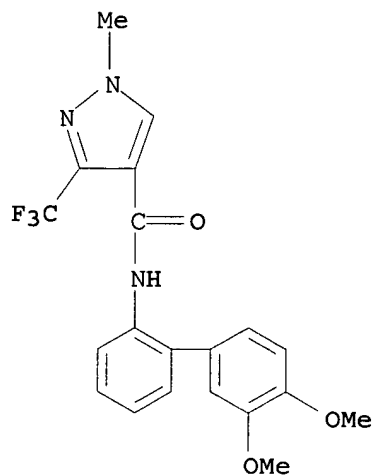
RN 872121-76-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-methoxy-3'-methyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



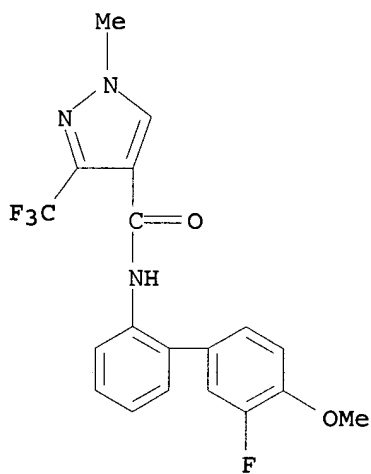
RN 872121-77-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



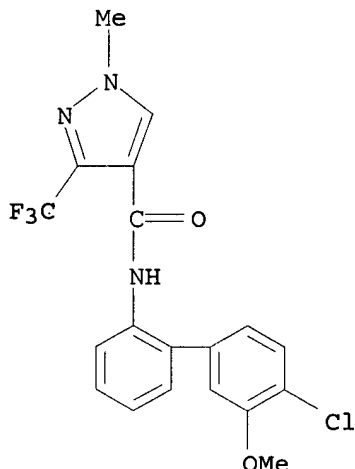
RN 872121-78-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-fluoro-4'-methoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 872121-79-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3'-methoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

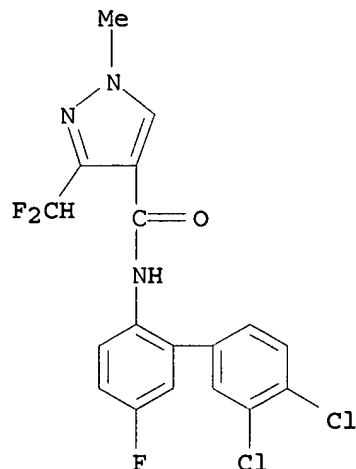
L4 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1195702 CAPLUS
 DOCUMENT NUMBER: 143:434156
 TITLE: Use of alkylcarboxylic acid amides as penetration promoters of pesticides into plants
 INVENTOR(S): Roechling, Andreas; Reizlein, Karl; Baur, Peter
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005104844	A1	20051110	WO 2005-EP4342	20050422
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004020840	A1	20051124	DE 2004-102004020840	20040427
PRIORITY APPLN. INFO.:			DE 2004-102004020840A	20040427
OTHER SOURCE(S): MARPAT 143:434156				
AB The alkyl carboxylic acid amides R1CONR2R3 (R1 = C3-19 alkyl; R2 = C1-6 alkyl; R3 = H or R2) promote the penetration of pesticides into plants. Decanoic acid dimethylamide is an example.				
IT 581809-46-3				
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)				

(alkylcarboxylic acid amide penetration promoters for pesticides into plants)

RN 581809-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:902854 CAPLUS

DOCUMENT NUMBER: 143:207622

TITLE: Synergistic fungicidal composition comprising a pyridylethylbenzamide derivative and a compound capable of inhibiting the transport of electrons of the respiratory chain in phytopathogenic fungal organisms

INVENTOR(S): Gouot, Jean-Marie; Grosjean-Cournoyer, Marie-Claire

PATENT ASSIGNEE(S): Bayer Cropscience S. A., Fr.

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

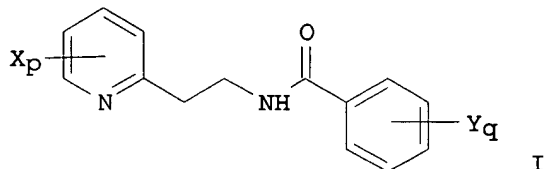
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

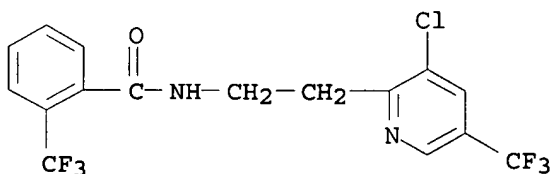
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005077901	A1	20050825	WO 2005-EP2563	20050210
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

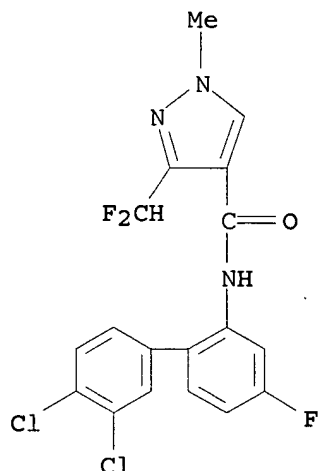
EP 1571143 A1 20050907 EP 2004-356019 20040212
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 AU 2005212839 A1 20050825 AU 2005-212839 20050210
 CA 2551145 AA 20050825 CA 2005-2551145 20050210
 PRIORITY APPLN. INFO.: EP 2004-356019 A 20040212
 EP 2004-356096 A 20040611
 US 2004-637120P P 20041217
 WO 2005-EP2563 W 20050210
 OTHER SOURCE(S): MARPAT 143:207622
 GI



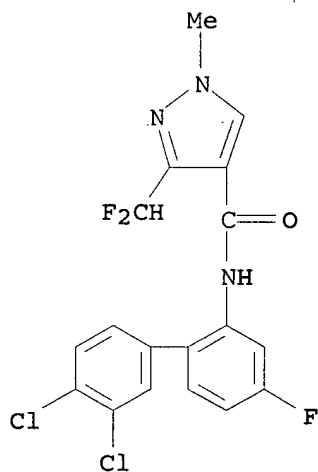
AB Aa synergistic fungicidal composition comprises a pyridylethylbenzamide derivative
 I (X = halo, alkyl or haloalkyl; Y = X, alkenyl, alkynyl, alkoxy, amino, phenoxy, etc.; p = 1-4; q = 1-5) and a compound capable of inhibiting the transport of electrons of the respiratory chain in phytopathogenic fungi. Optionally, the composition further comprises an addnl. fungicide.
 IT 862468-35-7
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal composition)
 RN 862468-35-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-(trifluoromethyl)benzamide (9CI)
 (CA INDEX NAME)
 CM 1
 CRN 658066-35-4
 CMF C16 H11 Cl F6 N2 O



CM 2
 CRN 581809-44-1
 CMF C18 H12 Cl2 F3 N3 O



IT 581809-44-1D, mixts. with pyridylethylbenzamide derivs.
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal comps.)
 RN 581809-44-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluoro[1,1'-biphenyl]-2-yl)-
 3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

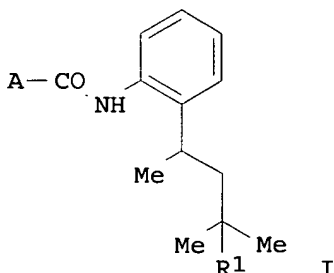


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:405320 CAPLUS
 DOCUMENT NUMBER: 142:425351
 TITLE: Synergistic fungicidal combinations comprising a
 carboxamide derivative
 INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel,
 Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Suty-Heinze,
 Anne
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 126 pp.

CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005041653	A2	20050512	WO 2004-EP11403	20041012
WO 2005041653	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10349501	A1	20050525	DE 2003-10349501	20031023
AU 2004285267	A1	20050512	AU 2004-285267	20041012
CA 2543053	AA	20050512	CA 2004-2543053	20041012
EP 1677598	A2	20060712	EP 2004-790298	20041012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
PRIORITY APPLN. INFO.:			DE 2003-10349501	A 20031023
			WO 2004-EP11403	W 20041012
OTHER SOURCE(S):		MARPAT 142:425351		
GI				



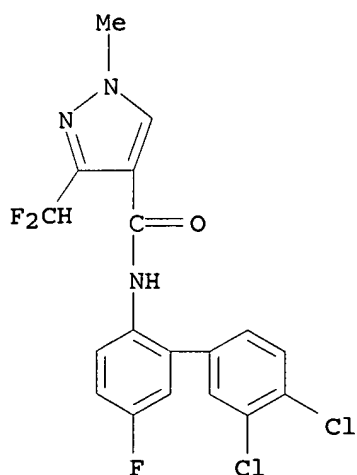
AB Synergistic fungicidal combinations comprise a carboxamide derivative I [R1 = H, halo or (halo)alkyl; R1 = (un)substituted Ph, furyl, pyridinyl, etc.] and any of a very large number of known fungicides.

IT 581809-46-3D, mixture with carboxamide derivative 851018-45-6D, mixture with carboxamide derivative 851018-46-7D, mixture with carboxamide derivative 851018-47-8D, mixture with carboxamide derivative 851018-99-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal composition)

RN 581809-46-3 CAPLUS

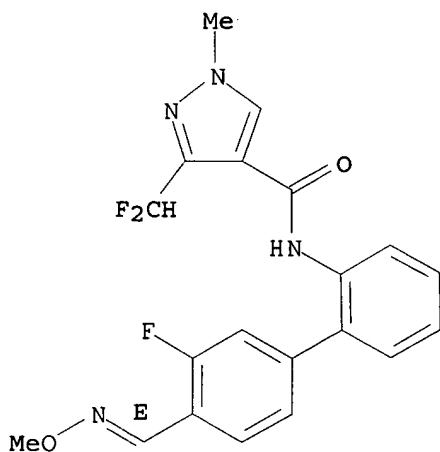
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 851018-45-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-fluoro-4'-[(E)-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

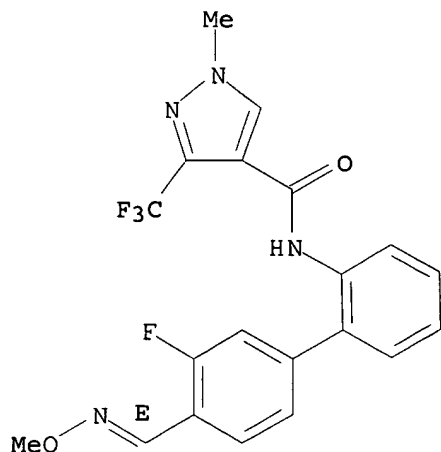
Double bond geometry as shown.



RN 851018-46-7 CAPLUS

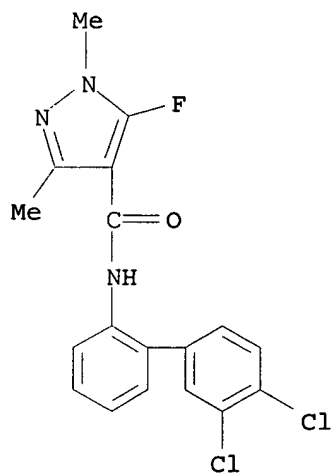
CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-[(E)-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 851018-47-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



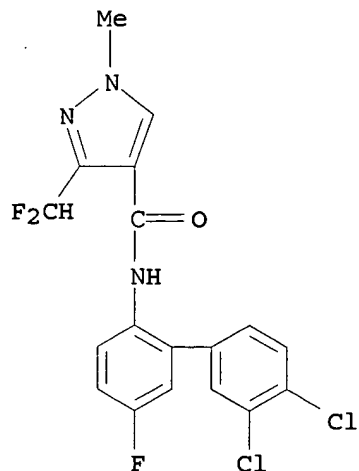
RN 851018-99-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

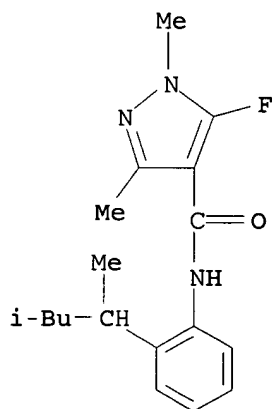
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 494793-67-8

CMF C18 H24 F N3 O



L4 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:346774 CAPLUS

DOCUMENT NUMBER: 142:387616

TITLE: Synergistic fungicidal combinations comprising carboxamide derivatives

INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hans-Ludwig; Suty-Heinze, Anne; Rieck, Heiko

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 141 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

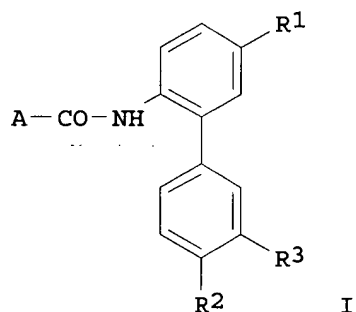
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

10540036.trn

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034628	A1	20050421	WO 2004-EP10830	20040928
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10347090	A1	20050504	DE 2003-10347090	20031010
AU 2004279674	A1	20050421	AU 2004-279674	20040928
CA 2541646	AA	20050421	CA 2004-2541646	20040928
EP 1675461	A1	20060705	EP 2004-765648	20040928
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			DE 2003-10347090	A 20031010
			WO 2004-EP10830	W 20040928
OTHER SOURCE(S):		MARPAT 142:387616		
GI				



AB Synergistic fungicidal mixts. comprise a carboxamide derivative I [R1= H or F; R2 = halo, (halo)alkyl or (halo)alkoxy; , R3 = H, halo or (halo)alkyl; A = (un)substituted Ph, imidazolyl, thiazolyl, etc.] and any of 22 groups of known fungicides.

IT 581809-46-3D, mixts. with fungicides 849674-14-2

849674-16-4 849674-17-5 849674-20-0

849674-22-2 849674-24-4 849674-26-6

849674-29-9 849674-31-3 849674-44-8

849674-45-9 849674-48-2 849674-51-7

849674-54-0 849674-56-2 849674-57-3

849674-58-4 849674-59-5 849674-60-8

849674-61-9 849674-63-1 849674-65-3

849674-67-5 849674-71-1 849674-72-2

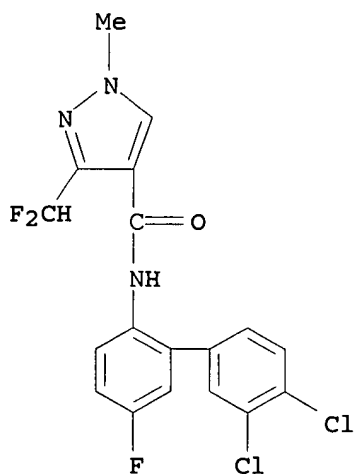
849674-73-3 849674-74-4 849674-75-5

849674-76-6 849674-77-7 849674-78-8

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal combination)

RN 581809-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



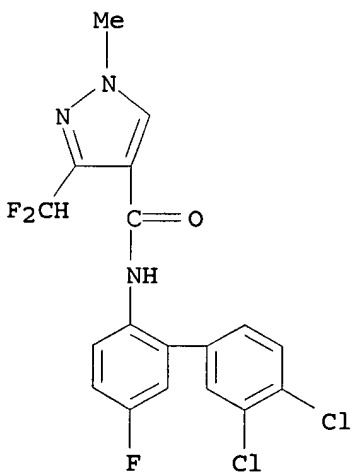
RN 849674-14-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with (1E)-[2-[[6-(2-chlorophenoxy)-5-fluoro-4-pyrimidinyl]oxy]phenyl](5,6-dihydro-1,4,2-dioxazin-3-yl)methanone O-methyloxime (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

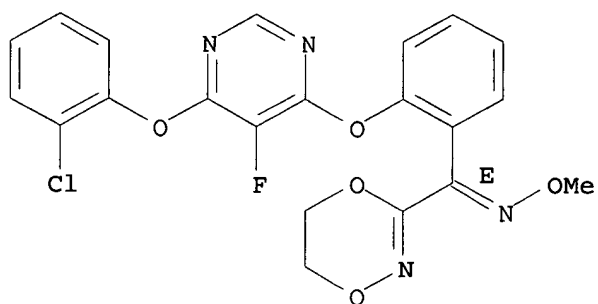


CM 2

CRN 361377-29-9

CMF C21 H16 Cl F N4 O5

Double bond geometry as shown.



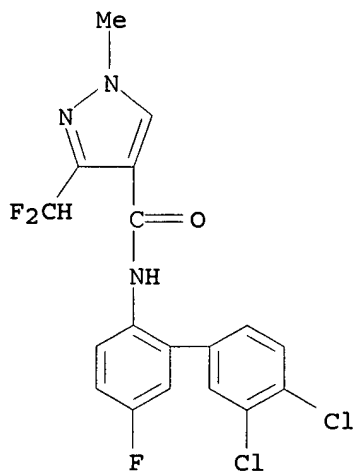
RN 849674-16-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

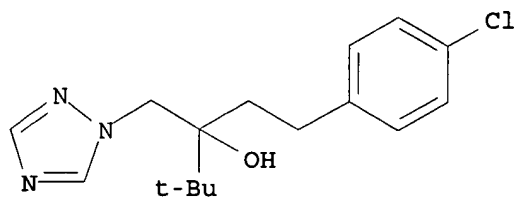
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 107534-96-3

CMF C16 H22 Cl1 N3 O



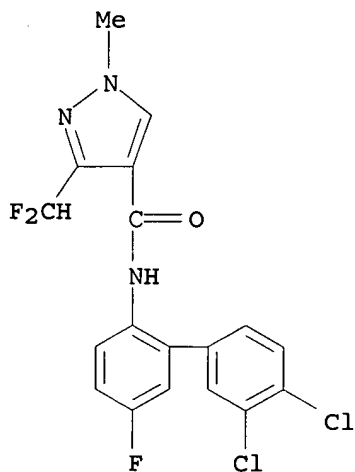
RN 849674-17-5 CAPLUS

CN Benzeneacetic acid, α -(methoxyimino)-2-[[[(E)-[1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, (α E)-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

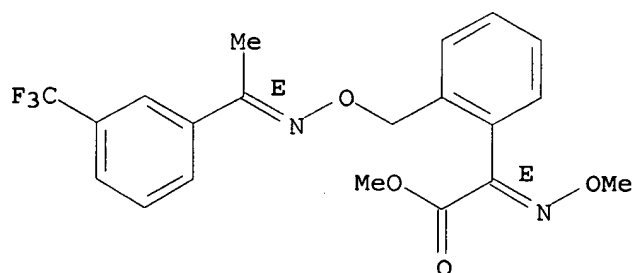


CM 2

CRN 141517-21-7

CMF C20 H19 F3 N2 O4

Double bond geometry as shown.



10540036.trn

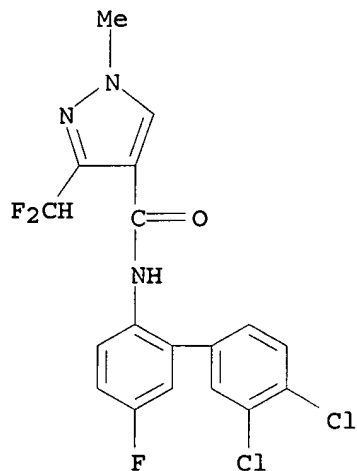
RN 849674-20-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

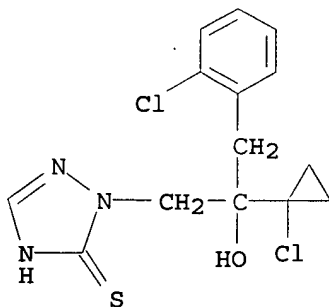
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 178928-70-6

CMF C14 H15 Cl2 N3 O S



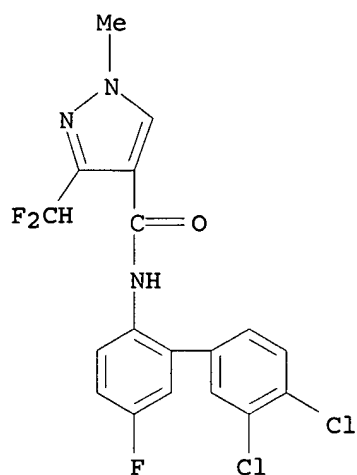
RN 849674-22-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

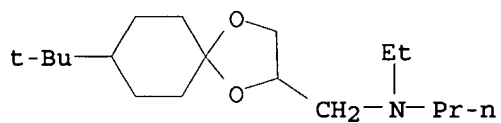
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 118134-30-8

CMF C18 H35 N O2



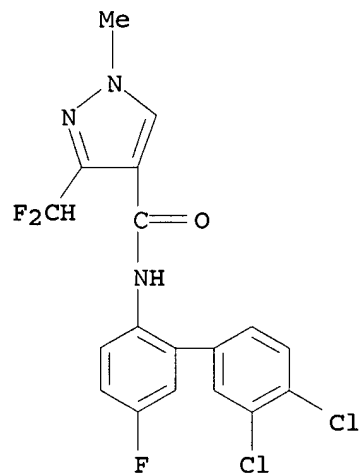
RN 849674-24-4 CAPLUS

CN Benzeneacetic acid, α -(methoxymethylene)-2-[[[6-(trifluoromethyl)-2-pyridinyl]oxy]methyl]-, methyl ester, (α E)-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

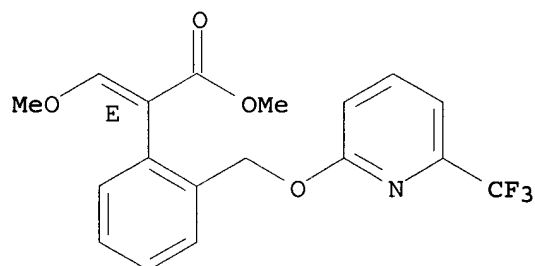


CM 2

CRN 117428-22-5

CMF C18 H16 F3 N O4

Double bond geometry as shown.



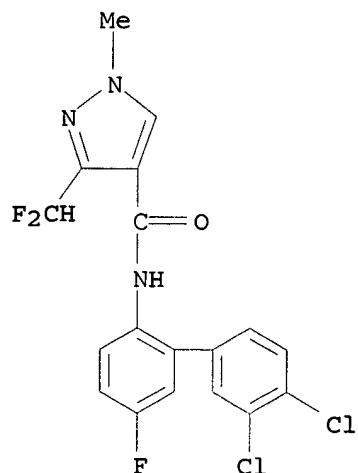
RN 849674-26-6 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

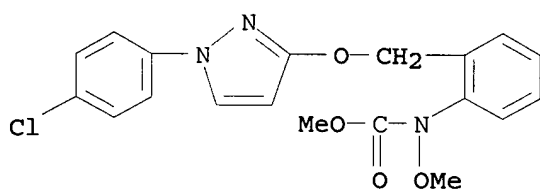
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 175013-18-0

CMF C19 H18 Cl N3 O4



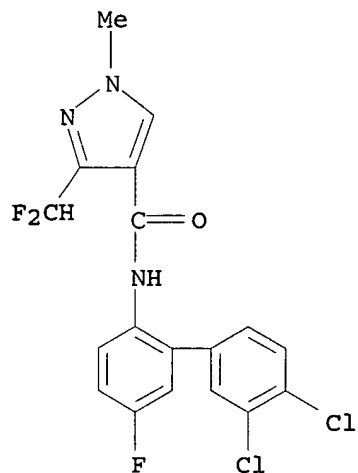
RN 849674-29-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI)
(CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

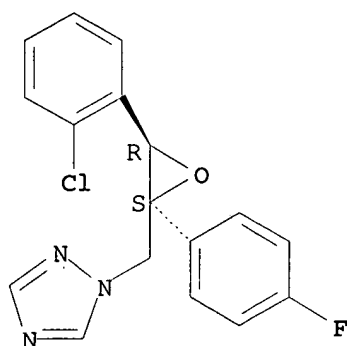


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



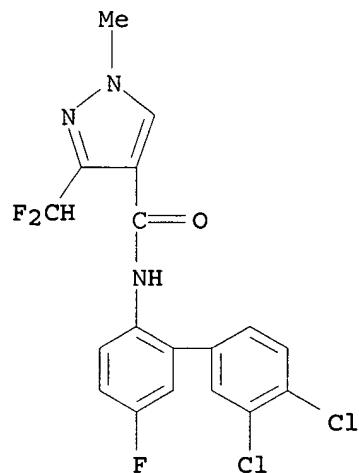
RN 849674-31-3 CAPLUS

CN Benzeneacetic acid, 2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]- α -(methoxymethylene)-, methyl ester, (α E)-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

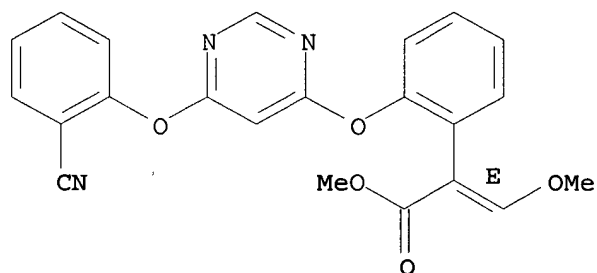


CM 2

CRN 131860-33-8

CMF C22 H17 N3 O5

Double bond geometry as shown.



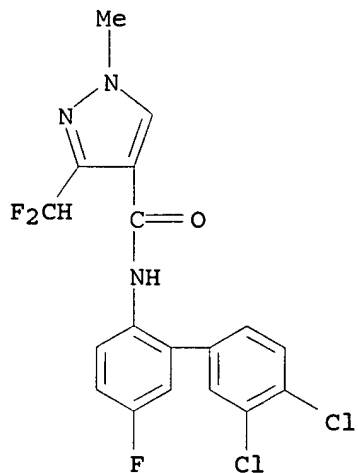
RN 849674-44-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with β -([1,1'-biphenyl]-4-yloxy)- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

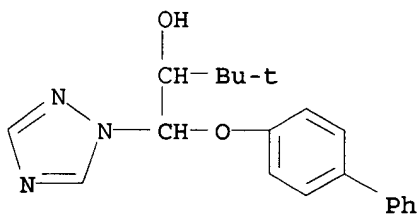
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 55179-31-2

CMF C20 H23 N3 O2



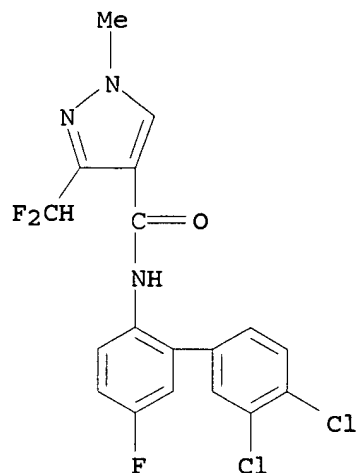
RN 849674-45-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 1,1-dichloro-N-[(dimethylamino)sulfonyl]-1-fluoro-N-(4-methylphenyl)methanesulfenamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

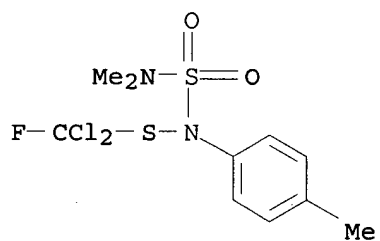
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 731-27-1

CMF C10 H13 Cl2 F N2 O2 S2



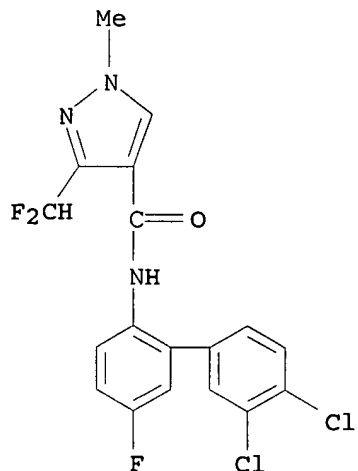
RN 849674-48-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

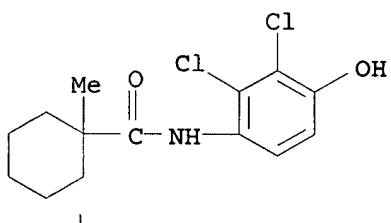
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 126833-17-8

CMF C14 H17 Cl2 N O2



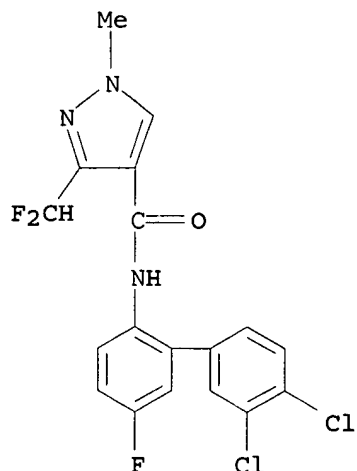
RN 849674-51-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

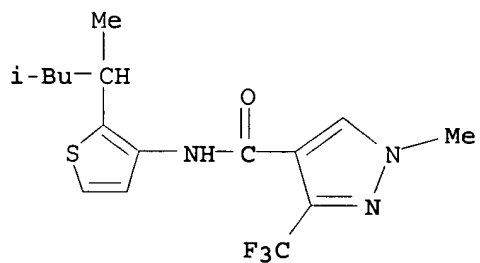
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 183675-82-3

CMF C16 H20 F3 N3 O S



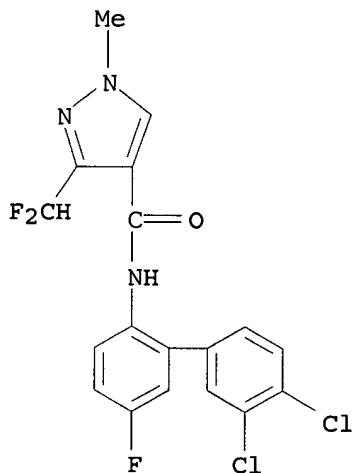
RN 849674-54-0 CAPLUS

CN Manganese, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)- κ S, κ S']-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide and [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)- κ S, κ S']zinc (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

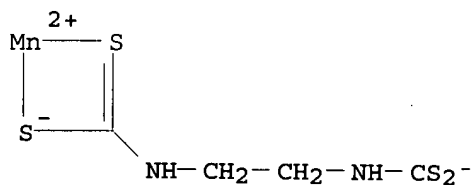


CM 2

CRN 12427-38-2

CMF C4 H6 Mn N2 S4

CCI CCS

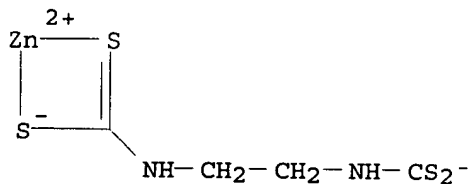


CM 3

CRN 12122-67-7

CMF C4 H6 N2 S4 Zn

CCI CCS



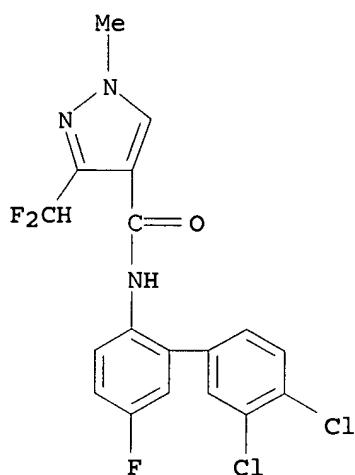
RN 849674-56-2 CAPLUS

CN Zinc, [[2-[(dithiocarboxy)amino]-1-methylethyl]carbamdithioato(2-)-
κS,κS']-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-
2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA
INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

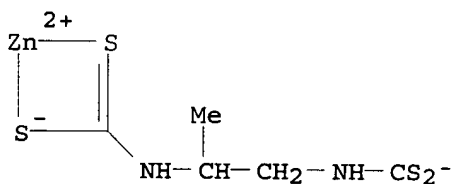


CM 2

CRN 12071-83-9

CMF C5 H8 N2 S4 Zn

CCI CCS



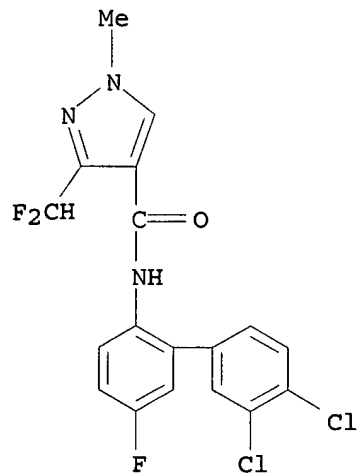
RN 849674-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 4,6-dimethyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

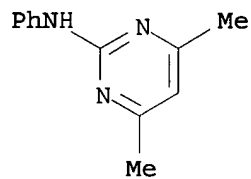
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 53112-28-0

CMF C12 H13 N3



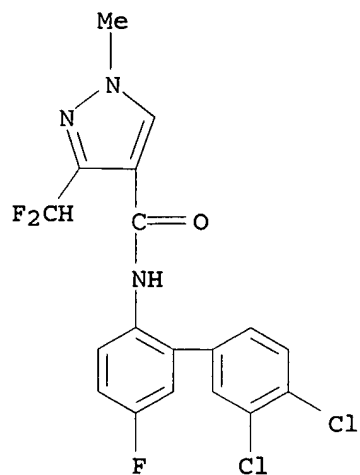
RN 849674-58-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

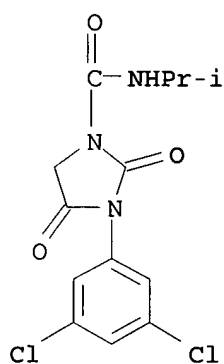
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 36734-19-7

CMF C13 H13 Cl2 N3 O3



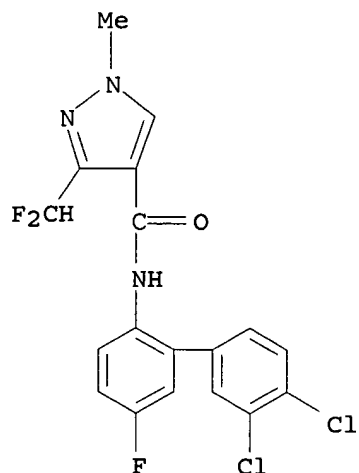
RN 849674-59-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

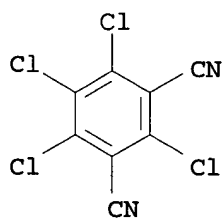
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 1897-45-6

CMF C8 C14 N2



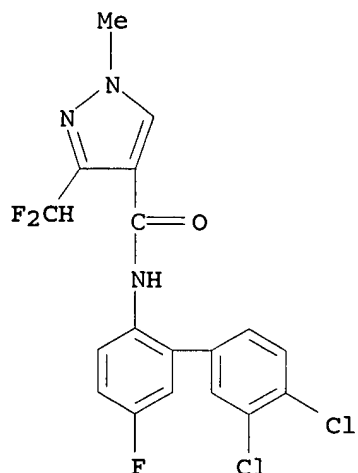
RN 849674-60-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

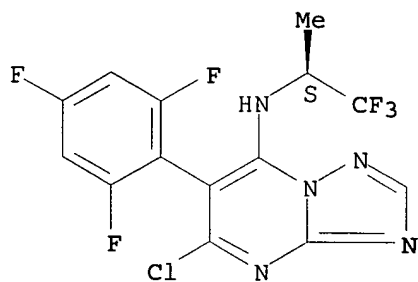
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 249648-16-6
CMF C14 H8 Cl F6 N5

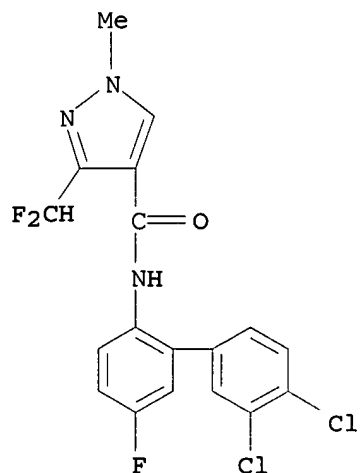
Absolute stereochemistry.



RN 849674-61-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O

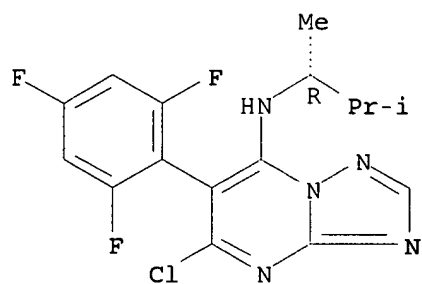


CM 2

CRN 424824-17-9

CMF C16 H15 Cl F3 N5

Absolute stereochemistry.



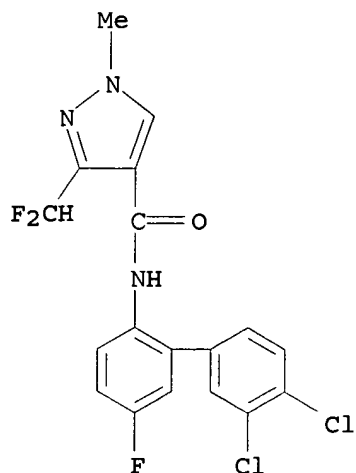
RN 849674-63-1 CAPLUS

CN Carbamic acid, [(1S)-1-[[[(1R)-1-(6-fluoro-2-benzothiazolyl)ethyl]amino]carbonyl]-2-methylpropyl]-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

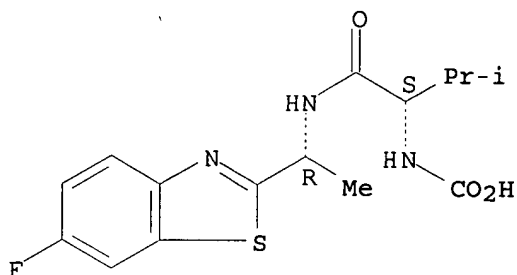


CM 2

CRN 413615-35-7

CMF C15 H18 F N3 O3 S

Absolute stereochemistry.



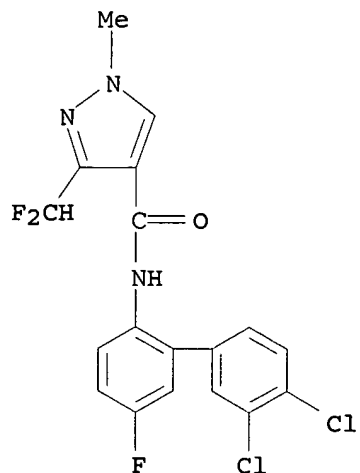
RN 849674-65-3 CAPLUS

CN D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

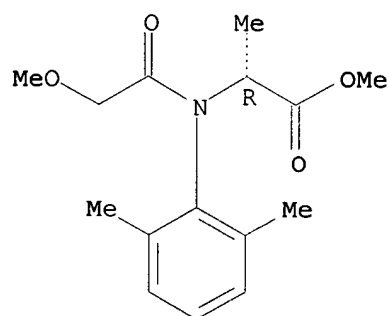


CM 2

CRN 70630-17-0

CMF C15 H21 N O4

Absolute stereochemistry. Rotation (-).



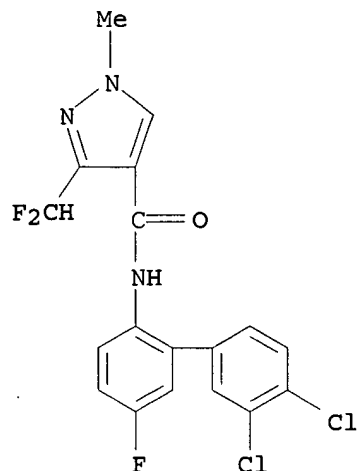
RN 849674-67-5 CAPLUS

CN D-Alanine, N-(2,6-dimethylphenyl)-N-(phenylacetyl)-, methyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

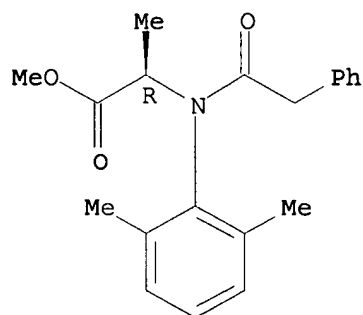


CM 2

CRN 98243-83-5

CMF C20 H23 N O3

Absolute stereochemistry.



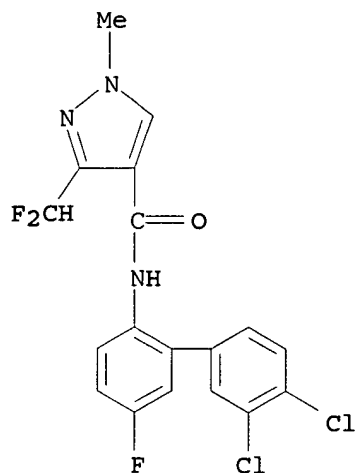
RN 849674-71-1 CAPLUS

CN Carbamic acid, [(1S)-2-methyl-1-[[[1-(4-methylphenyl)ethyl]amino]carbonyl]propyl]-, 1-methylethyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

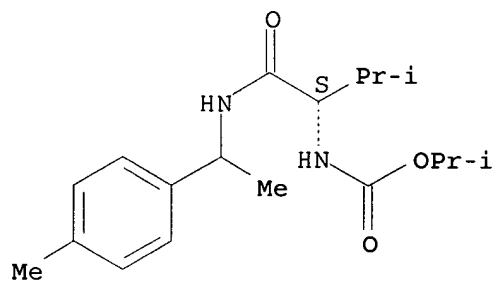


CM 2

CRN 140923-17-7

CMF C18 H28 N2 O3

Absolute stereochemistry.



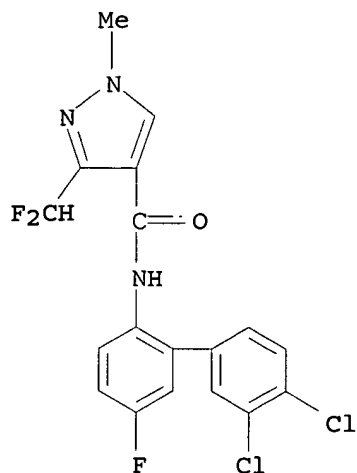
RN 849674-72-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with (5S)-3,5-dihydro-5-methyl-2-(methylthio)-5-phenyl-3-(phenylamino)-4H-imidazol-4-one (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

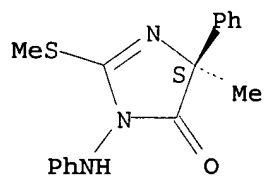


CM 2

CRN 161326-34-7

CMF C17 H17 N3 O S

Absolute stereochemistry. Rotation (+).



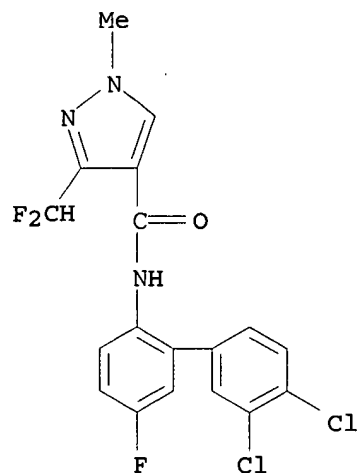
RN 849674-73-3 CAPLUS

CN Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, mixt. with
N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-
methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

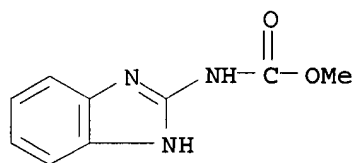
CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O



CM 2

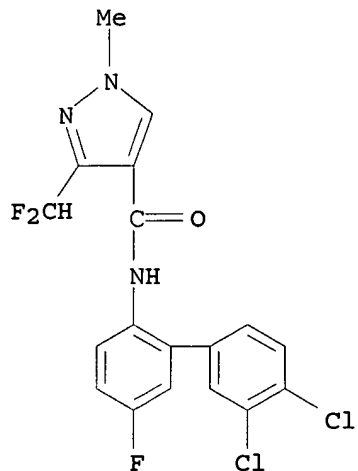
CRN 10605-21-7
CMF C9 H9 N3 O2



RN 849674-74-4 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[(4-chlorophenyl)methyl]-N-cyclopentyl-N'-phenylurea (9CI) (CA INDEX NAME)

CM 1

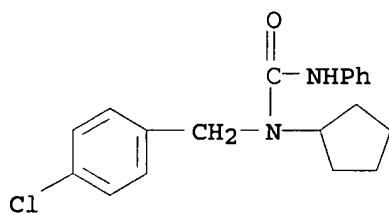
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 66063-05-6

CMF C19 H21 Cl N2 O



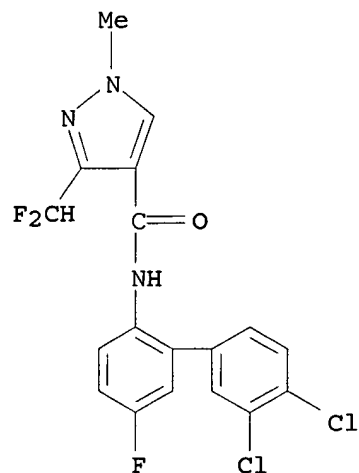
RN 849674-75-5 CAPLUS

CN Phosphonic acid, monoethyl ester, aluminum salt, mixt. with
N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-
methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

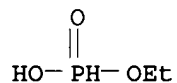
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 39148-24-8

CMF C2 H7 O3 P . 1/3 A1



● 1/3 A1

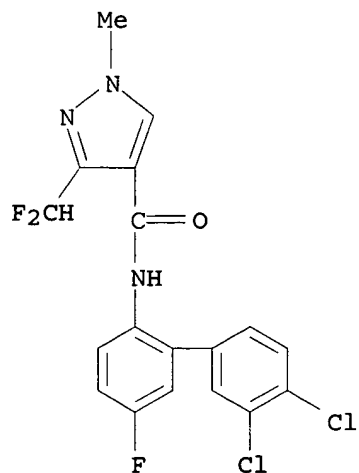
RN 849674-76-6 CAPLUS

CN Carbamic acid, [3-(dimethylamino)propyl]-, propyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

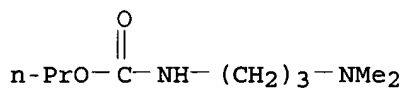
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 24579-73-5

CMF C9 H20 N2 O2



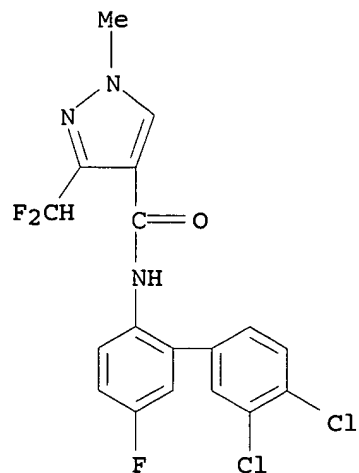
RN 849674-77-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 7-chloro-3-(1H-imidazol-1-yl)-1,2,4-benzotriazine 1-oxide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

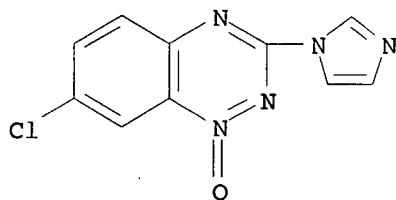
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 72459-58-6

CMF C10 H6 Cl N5 O



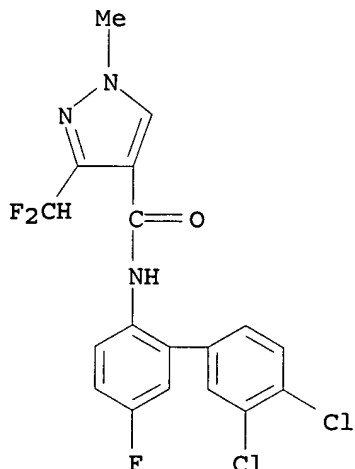
RN 849674-78-8 CAPLUS

CN 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

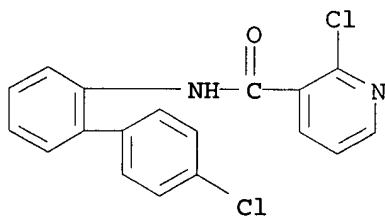
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 188425-85-6

CMF C18 H12 Cl2 N2 O



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:283496 CAPLUS

DOCUMENT NUMBER: 142:336464

TITLE: Preparation of heterocyclic substituted silicon compounds with microbiocidal activity

INVENTOR(S): Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans; Walter, Harald

PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.

SOURCE: PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005028485	A1	20050331	WO 2004-EP10009	20040908
WO 2005028485	C1	20050609		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				

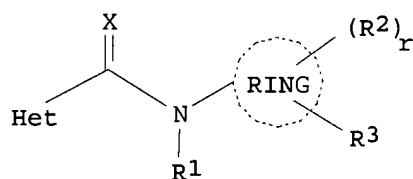
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2004274153 A1 20050331 AU 2004-274153 20040908
 CA 2534867 AA 20050331 CA 2004-2534867 20040908
 EP 1664065 A1 20060607 EP 2004-764952 20040908

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

PRIORITY APPLN. INFO.: GB 2003-22012 A 20030919
 WO 2004-EP10009 W 20040908

OTHER SOURCE(S): MARPAT 142:336464
 GI



I

AB Preparation of fungicidal compds. I (X = O, S; RING = Ph, thienyl; Het = 5- or 6-membered heterocyclic ring containing one to three heteroatoms, each independently selected from O, N, S, the ring being substituted by one to four groups R4; R1 = H, optionally substituted (C1-4)alkyl, formyl, optionally substituted (C1-4)alkylC(:O), optionally substituted (C1-4)alkylC(:O)O, optionally substituted (C1-4)alkoxy(C1-4)alkyl, optionally substituted allyl, optionally substituted propargyl or optionally substituted allenyl; R2 = independently, halo, optionally substituted (C1-4)alkyl, optionally substituted (C1-4)alkoxy or optionally substituted (C1-4)alkoxy(C1-4)alkyl; R3 = (CRaRb)m-Cy-(CRCRd)n-Y; R4 = independently, selected from halo, C1-3 alkyl, C1-3 haloalkyl, C1-3 alkoxy(C1-3)alkyl and cyano; Ra, Rb, Rc, Rd = independently, H, optionally substituted (C1-4)alkyl; Cy is an optionally substituted carbocyclic or heterocyclic 3-7 membered ring which may be saturated, unsatd. or aromatic and which optionally contains a silicon atom as a ring member; (CRaRb)m and (CRCRd)n may be bound either to the same carbon or silicon atom of Cy or to different atoms separated by 1, 2 or 3 ring members; Y = silyloxy etc.), useful as fungicides in agriculture (activity given), is described. Thus, reaction of N-methyl-3-difluoromethyl-4-chlorocarbonylpyrazole with 1,1-dimethyl-3-(2'-amino)phenylsilacyclohexane (preparation given) gave title compound which was used as fungicides (activity given).

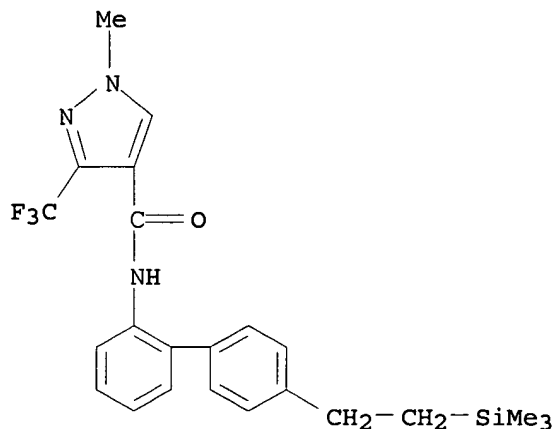
IT 848785-61-5P 848785-72-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclic substituted silicon compds. with microbiocidal activity)

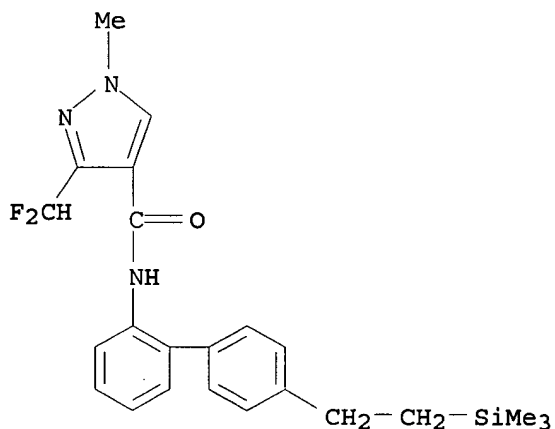
RN 848785-61-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(2-(trimethylsilyl)ethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



RN 848785-72-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(2-(trimethylsilyl)ethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



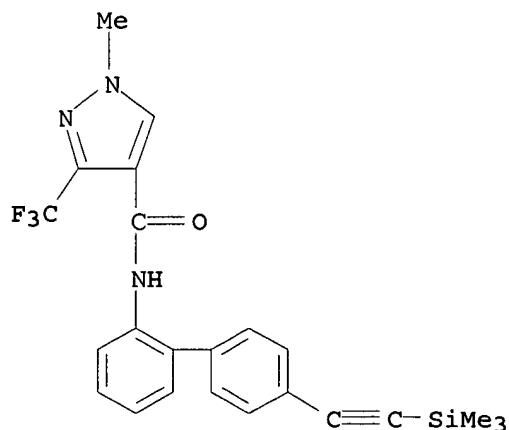
IT 723746-60-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heterocyclic substituted silicon compds. with microbiocidal activity)

RN 723746-60-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(2-(trimethylsilyl)ethynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:1037078 CAPLUS

DOCUMENT NUMBER: 142:23275

TITLE: Preparation of iodopyrazolyl carboxanilides as antimicrobials.

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico; Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 95 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004103975	A1	20041202	WO 2004-EP5066	20040512
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10325439	A1	20041209	DE 2003-10325439	20030605
AU 2004240720	A1	20041202	AU 2004-240720	20040512
CA 2526369	AA	20041202	CA 2004-2526369	20040512
EP 1628962	A1	20060301	EP 2004-732311	20040512
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004010494	A	20060613	BR 2004-10494	20040512
CN 1791582	A	20060621	CN 2004-80013715	20040512
PRIORITY APPLN. INFO.:			DE 2003-10322910	A 20030521

DE 2003-10325439

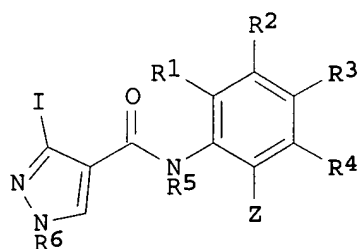
A 20030605

WO 2004-EP5066

W 20040512

OTHER SOURCE(S):
GI

MARPAT 142:23275



I

AB Title compds. [I; R1-R4 = H, F, Cl, Me, Me₂CH, MeS; R5 = H, alkyl, alkylsulfinyl, alkylsulfonyl, alkoxyalkyl, cycloalkyl, haloalkyl, haloalkylthio, haloalkylsulfinyl, haloalkylsulfonyl, haloalkoxyalkyl, halocycloalkyl, etc.; R6 = alkyl, alkoxyalkyl, haloalkyl; Z = (substituted) Ph, alkyl, alkenyl, alkynyl; or R1-R3 = H, F, Cl; ZR4 = atoms to form a 5-6 membered (heterocyclic) ring], were prepared Thus, 3-iodo-1-methyl-1H-pyrazole-4-carboxylic acid (preparation given), 3',4'-dichloro-5-fluorobiphenyl-2-amine, N,N-diisopropylethylamine, and bromotripyrrolidinophosphonium hexafluorophosphate were stirred together for 3 days in CH₂Cl₂ to give 53.5% N-(3',4'-dichloro-5-fluorobiphen-2-yl)-3-iodo-1-methyl-1H-pyrazole-4-carboxamide. Several I at 100 g/ha gave 100% protection against *Podosphaera leucotricha* on apples.

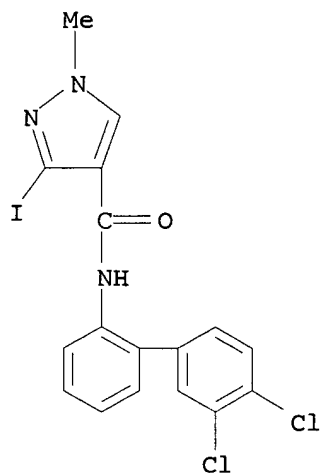
IT 799835-09-9P 799835-10-2P 799835-12-4P
799835-13-5P 799835-14-6P 799835-15-7P
799835-16-8P 799835-17-9P 799835-18-0P
799835-21-5P 799835-23-7P 799835-24-8P
799835-29-3P 799835-34-0P 799835-35-1P
799835-36-2P 799835-37-3P 799835-38-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of iodopyrazolyl carboxanilides as antimicrobials)

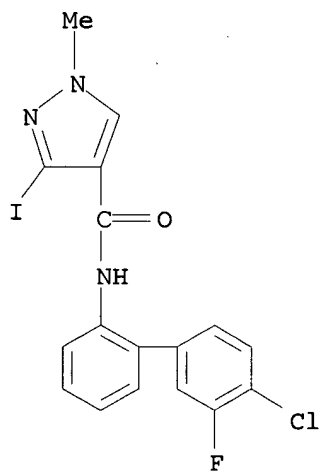
RN 799835-09-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



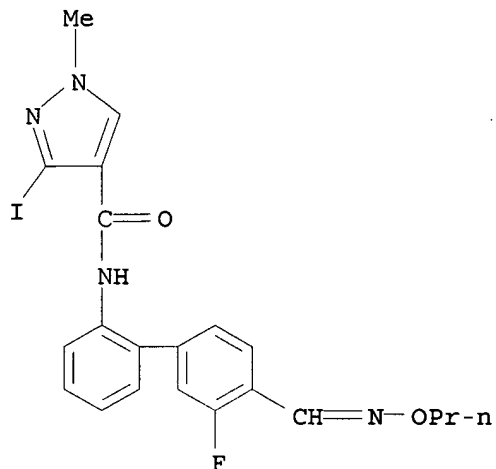
RN 799835-10-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3'-fluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



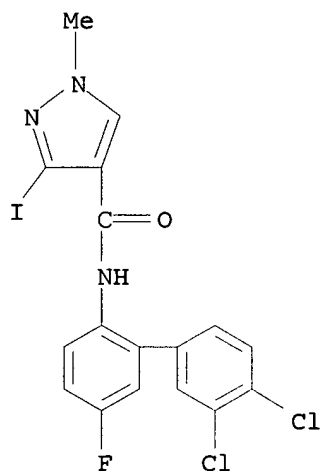
RN 799835-12-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-[(propoxyimino)methyl][1,1'-biphenyl]-2-yl]-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



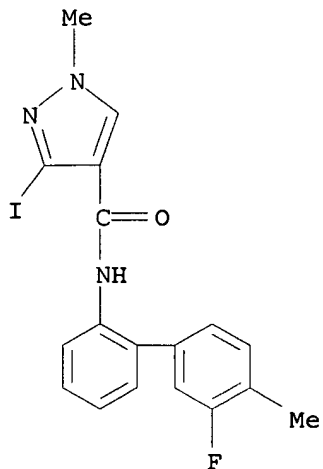
RN 799835-13-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



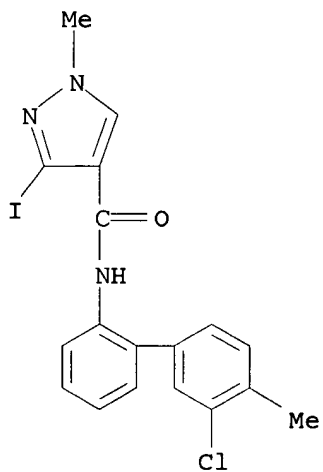
RN 799835-14-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-fluoro-4'-methyl[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



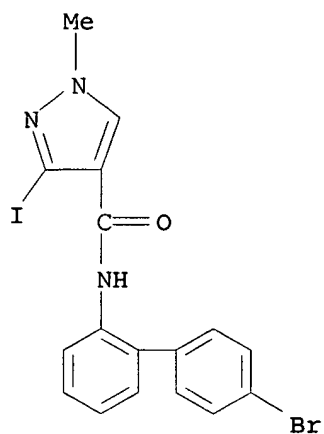
RN 799835-15-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-methyl[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



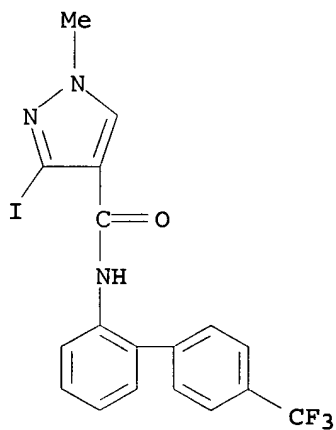
RN 799835-16-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



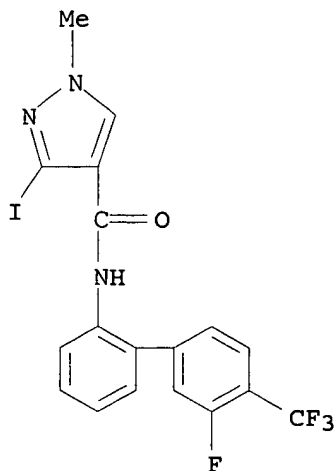
RN 799835-17-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-iodo-1-methyl-N-[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



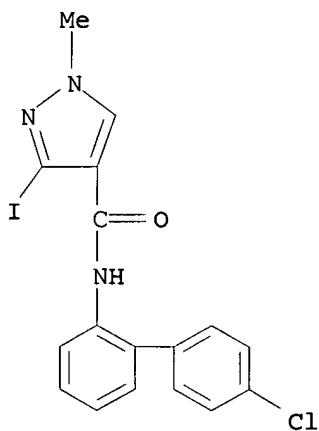
RN 799835-18-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



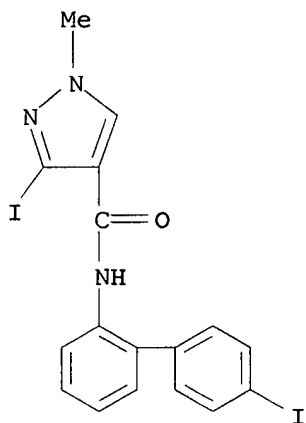
RN 799835-21-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



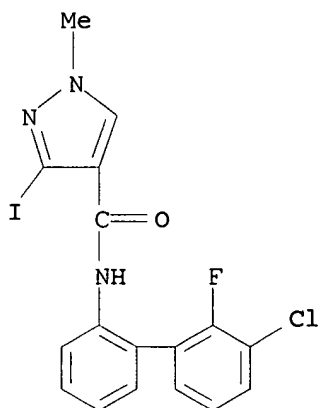
RN 799835-23-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-iodo-N-(4'-chloro[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



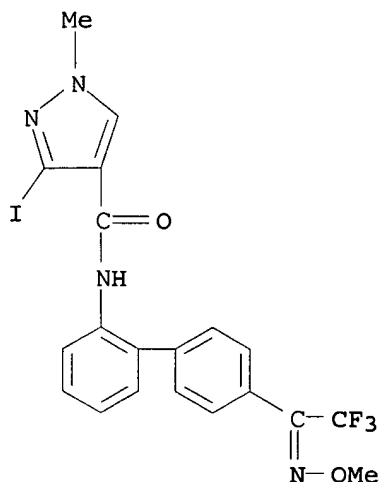
RN 799835-24-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-2'-fluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



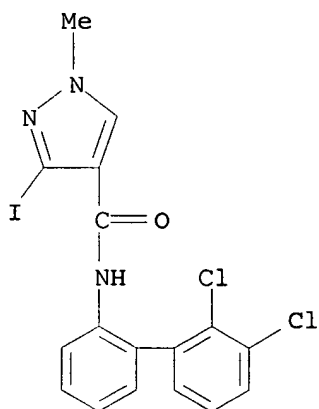
RN 799835-29-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-iodo-1-methyl-N-[4'-[2,2,2-trifluoro-1-(methoxyimino)ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



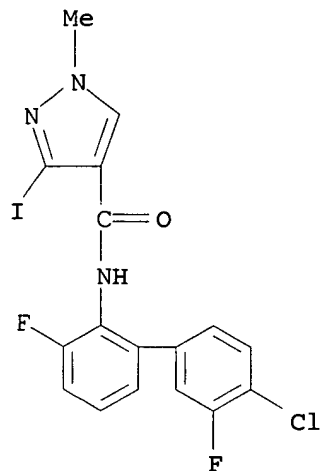
RN 799835-34-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',3'-dichloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



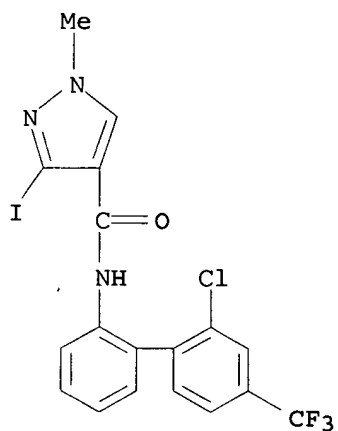
RN 799835-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3,3'-difluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



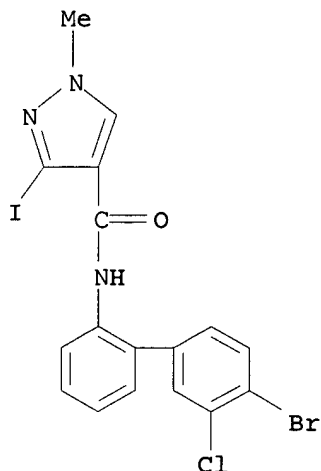
RN 799835-36-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2'-chloro-4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-3-iodo-1-methyl- (9CI) (CA INDEX NAME)

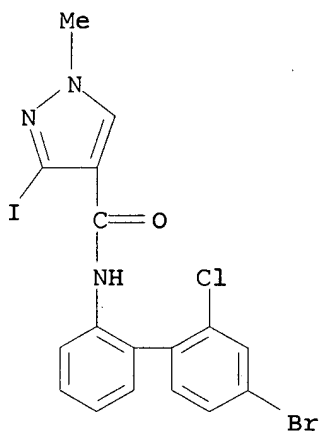


RN 799835-37-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo-3'-chloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



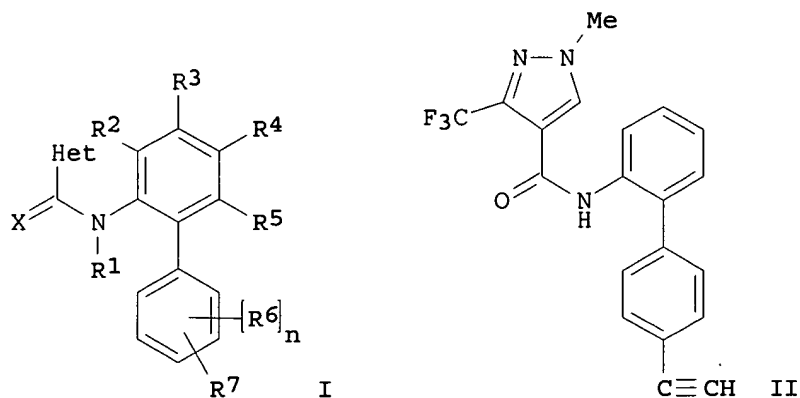
RN 799835-38-4 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo-2'-chloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:565219 CAPLUS
 DOCUMENT NUMBER: 141:123619
 TITLE: Preparation of biphenyl derivatives and their use as fungicides
 INVENTOR(S): Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans; Walter, Harald
 PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.
 SOURCE: PCT Int. Appl., 102 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058723	A1	20040715	WO 2003-EP14248	20031215
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2510528	AA	20040715	CA 2003-2510528	20031215
AU 2003300523	A1	20040722	AU 2003-300523	20031215
EP 1575922	A1	20050921	EP 2003-813891	20031215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016879	A	20051025	BR 2003-16879	20031215
CN 1732156	A	20060208	CN 2003-80107519	20031215
JP 2006516136	T2	20060622	JP 2004-562754	20031215
US 2006100250	A1	20060511	US 2005-540036	20050622
NO 2005003558	A	20050725	NO 2005-3558	20050720
PRIORITY APPLN. INFO.:			GB 2002-30155	A 20021224
			WO 2003-EP14248	W 20031215
OTHER SOURCE(S):	MARPAT 141:123619			
GI				



AB The title compds. [I; Het = (un)substituted 5-6 membered heterocyclic ring; R1 = H, CHO, CO(alkyl), CO2(alkyl), alkoxyalkylene, CO(alkylenoxy)alkyl, propargyl, allenyl; R2-R5 = H, halo, Me, CF3; R6 = halo, Me, CF3; R7 = (Z)mC.tplbond.CY1, (Z)mCY1:CY2Y3, trialkylsilyl; X = O, S; Y1-Y3 = H, halo, (un)substituted alkyl alkenyl, alkynyl, cycloalkyl, trialkylsilyl; Z = (un)substituted alkylene; m = 0-1; n = 0-2], useful in agriculture or horticulture for controlling or preventing infestation of plants by phytopathogenic microorganisms, preferably fungi, were prepared Thus, reacting 2-amino-4'-ethynylbiphenyl with 1-methyl-3-trifluoromethyl-4-chlorocarbonylpyrazole in the presence of pyridine in THF afforded 70% II which showed excellent fungicidal activity (biol. data given).

IT 723746-58-5P 723746-59-6P 723746-60-9P
723746-61-0P 723746-62-1P 723746-63-2P
723746-64-3P 723746-65-4P 723746-66-5P

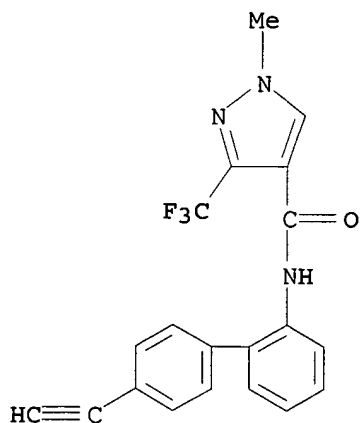
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 723747-85-1P 723747-87-3P 723749-48-2P
 723749-50-6P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of biphenyl derivs. and their use as fungicides)

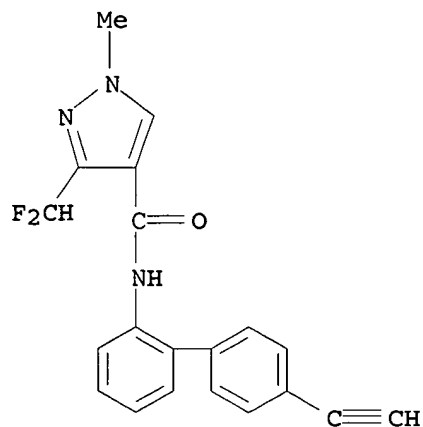
RN 723746-58-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-ethynyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

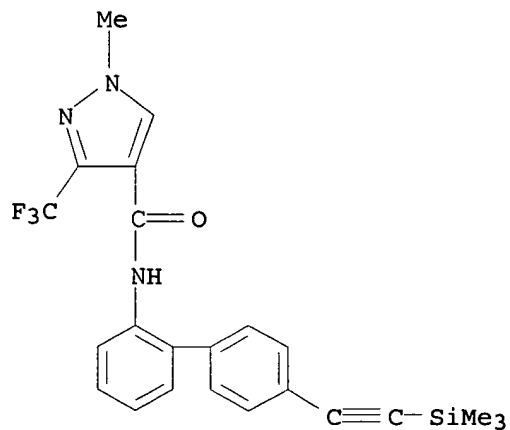


RN 723746-59-6 CAPLUS

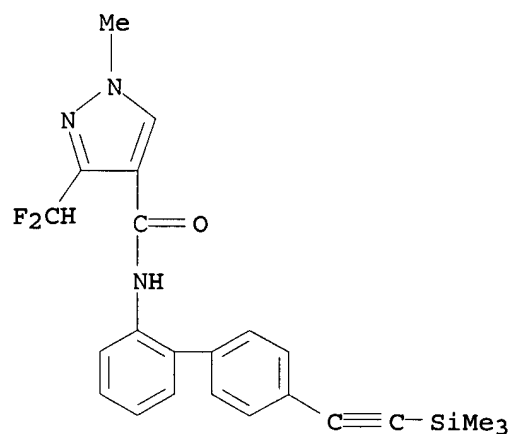
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-ethynyl[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



RN 723746-60-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-
 [(trimethylsilyl)ethynyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)

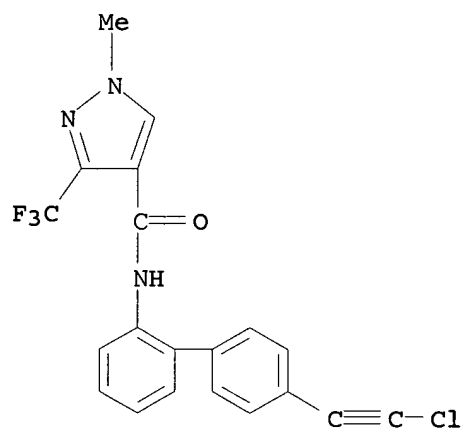


RN 723746-61-0 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-
 [(trimethylsilyl)ethynyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



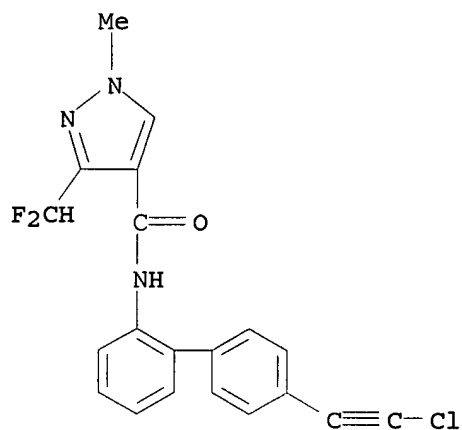
RN 723746-62-1 CAPLUS

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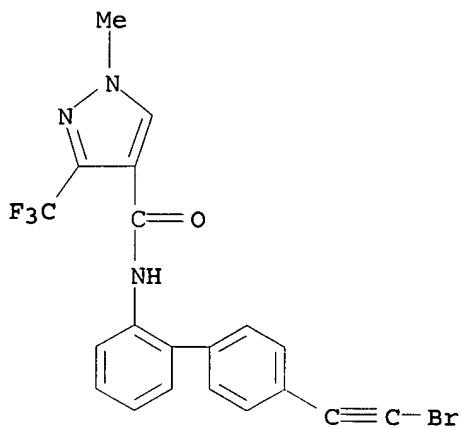
RN 723746-63-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(chloroethynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



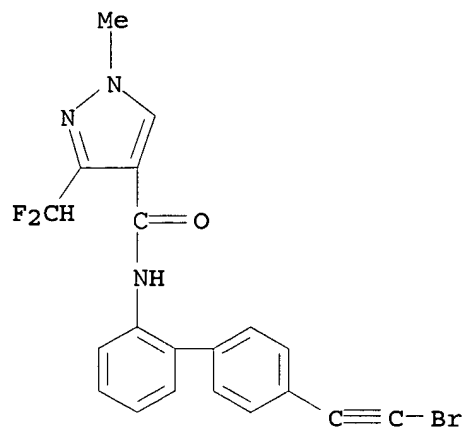
RN 723746-64-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(bromoethynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



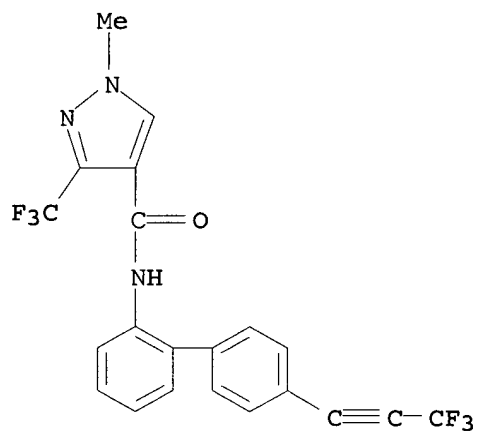
RN 723746-65-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(bromoethynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



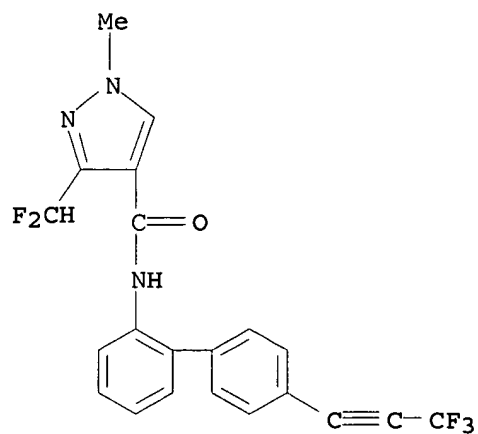
RN 723746-66-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(difluoromethyl)-N-[4'-(3,3,3-trifluoro-1-propynyl)-[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



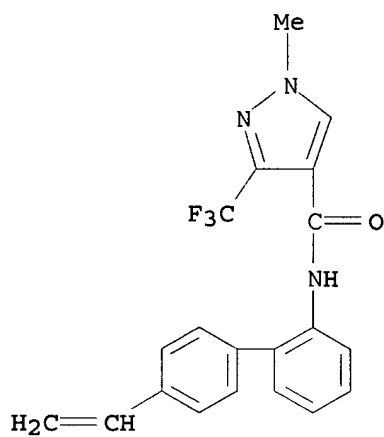
RN 723746-67-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3,3,3-trifluoro-1-propynyl)-[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



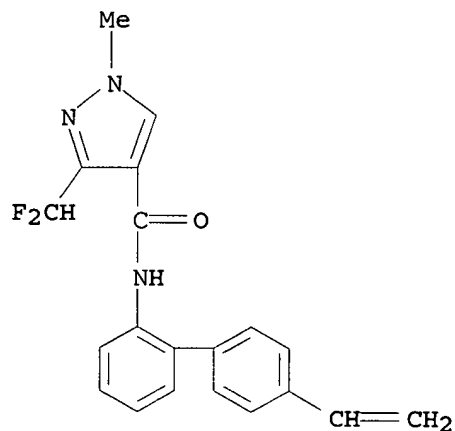
RN 723746-68-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-(trifluoromethyl)-[1,1'-biphenyl]-2-yl)-1-methyl-3-(difluoromethyl)- (9CI) (CA INDEX NAME)



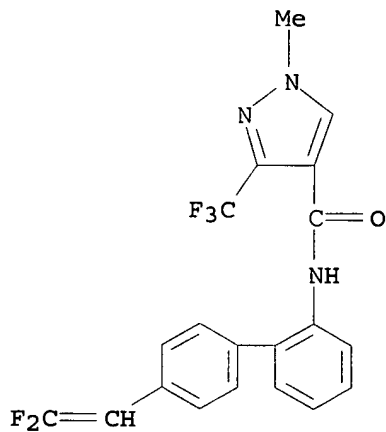
RN 723746-69-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-ethenyl[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



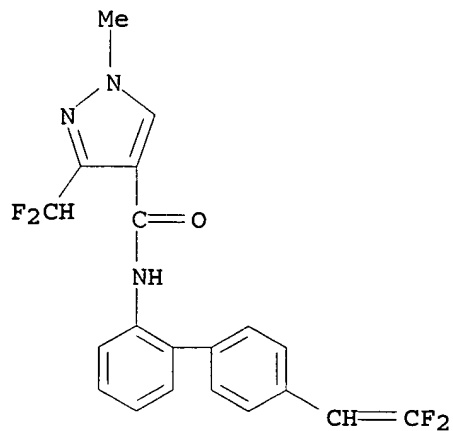
RN 723746-70-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-difluoroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



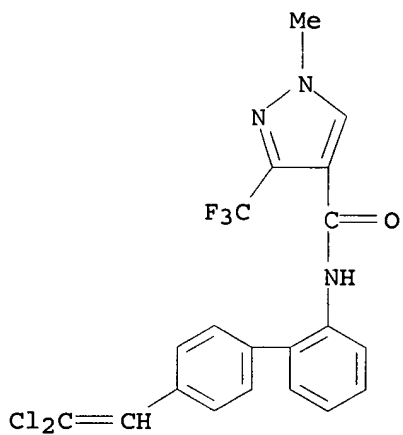
RN 723746-71-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-difluoroethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



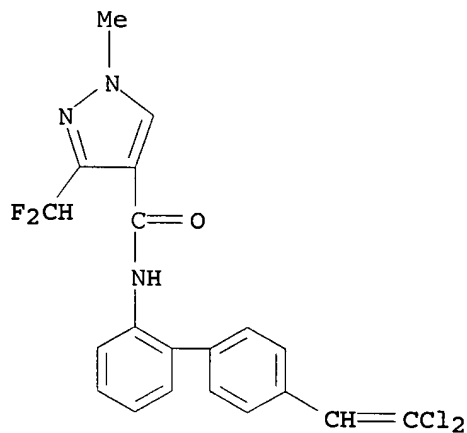
RN 723746-72-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dichloroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



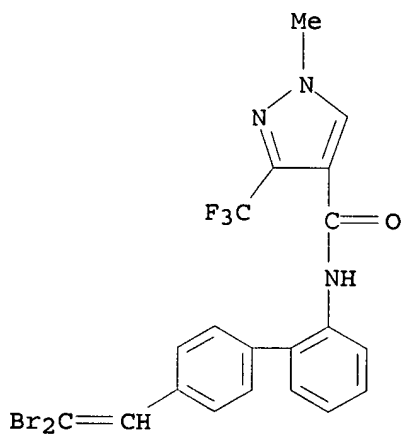
RN 723746-73-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dichloroethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



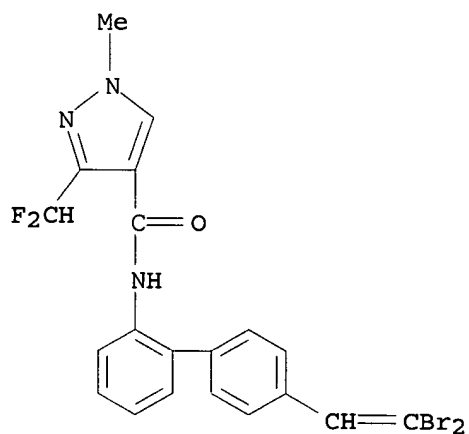
RN 723746-74-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dibromoethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

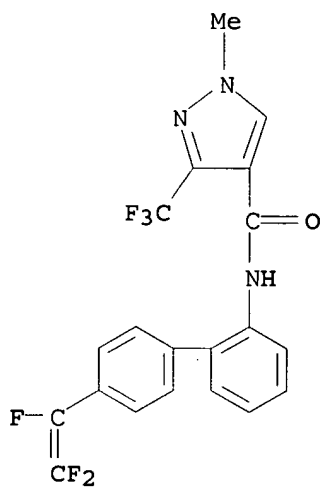


RN 723746-75-6 CAPLUS

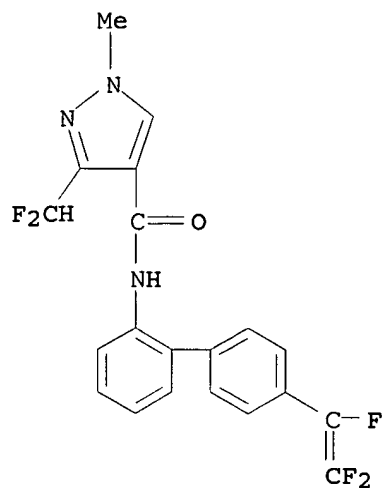
CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dibromoethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 723746-76-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(trifluoroethenyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

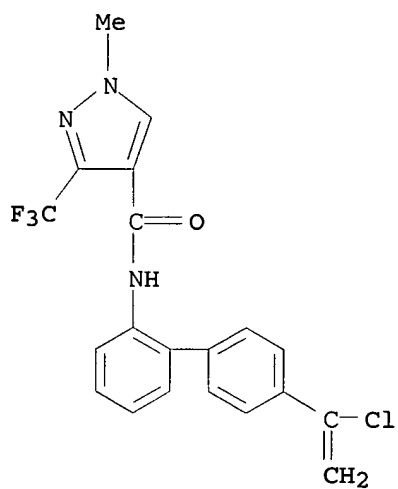


RN 723746-78-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(trifluoroethenyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



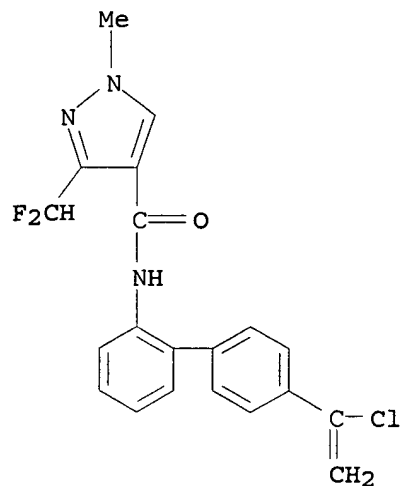
RN 723746-79-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-chloroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



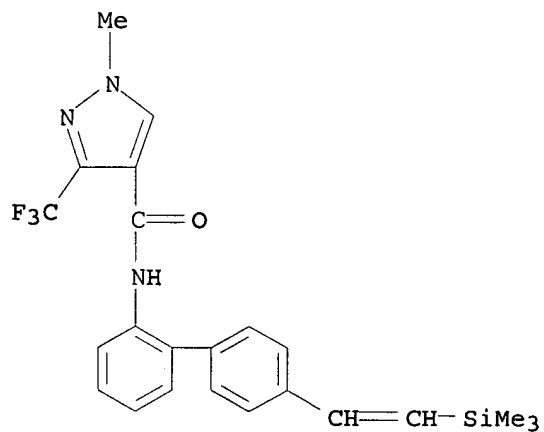
RN 723746-80-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-chloroethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



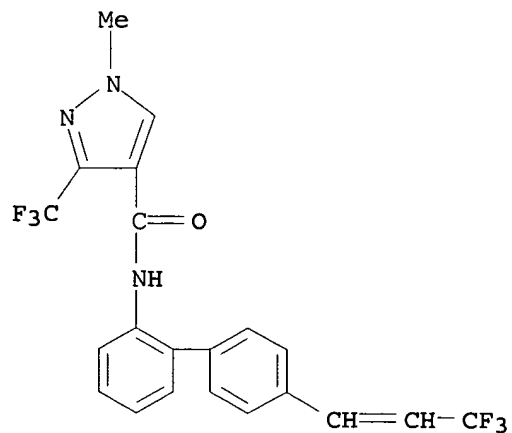
RN 723746-81-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-[2-(trimethylsilyl)ethenyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)

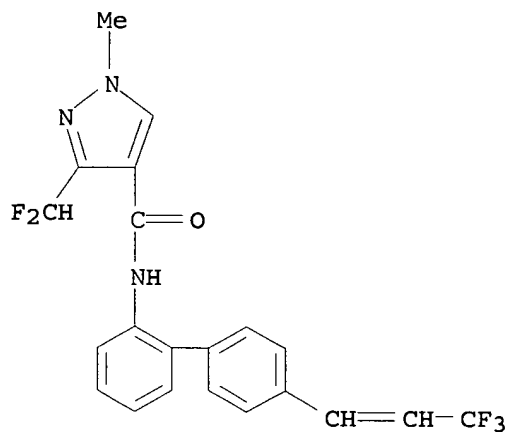


RN 723746-82-5 CAPLUS

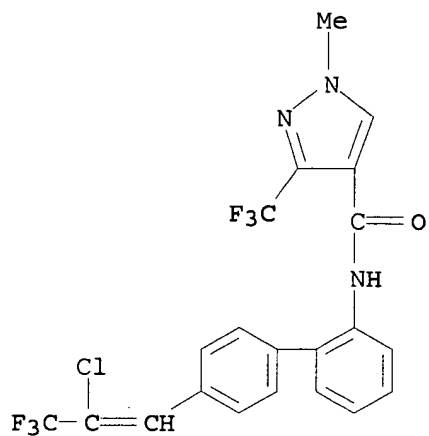
CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(3,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



RN 723746-83-6 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)

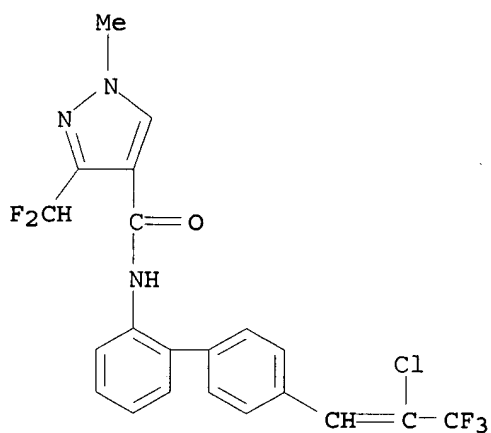


RN 723746-84-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-3,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



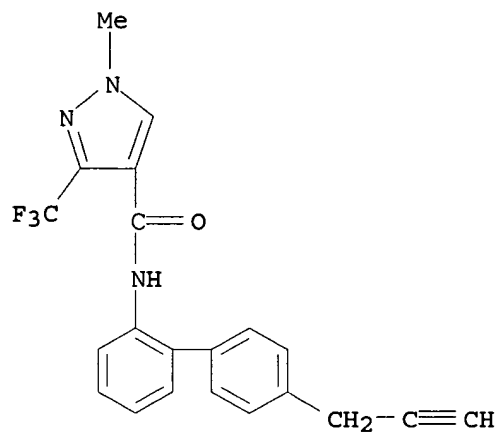
RN 723746-85-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-3,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



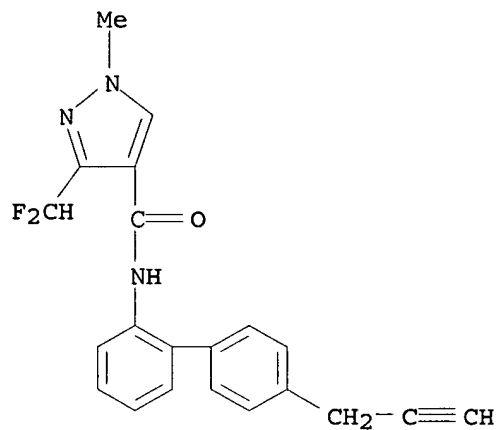
RN 723746-87-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(2-propynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



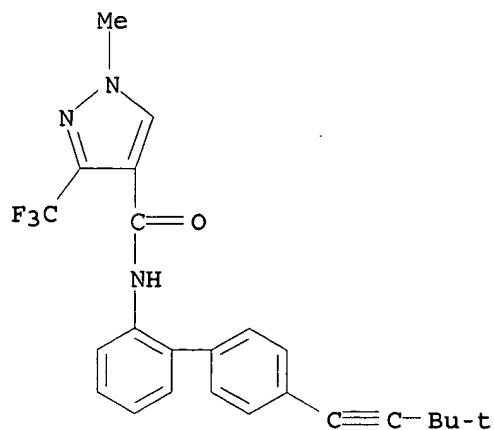
RN 723746-88-1 CAPLUS

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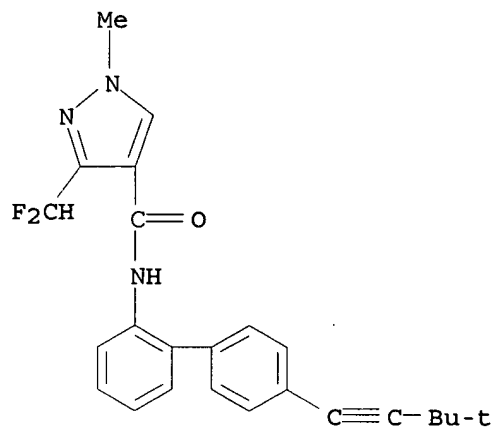
RN 723746-90-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



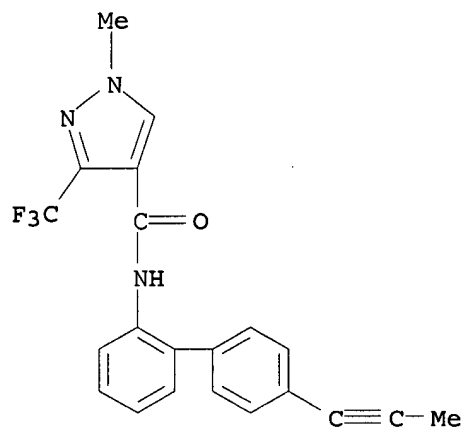
RN 723746-91-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



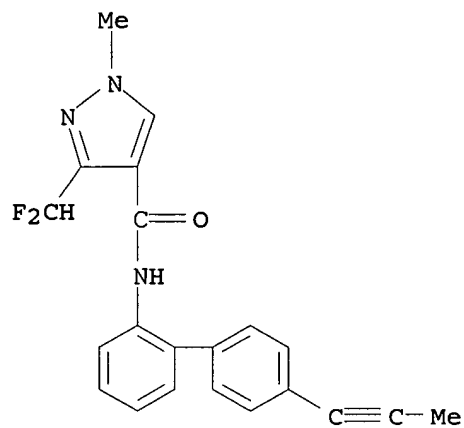
RN 723746-92-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



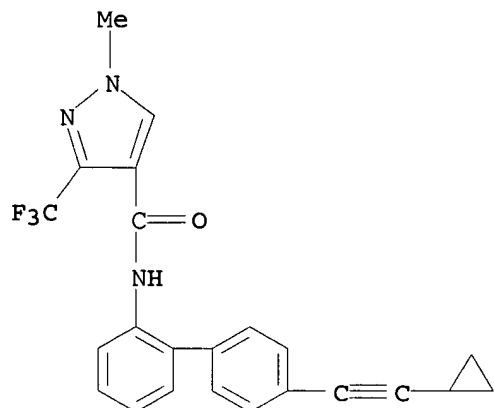
RN 723746-94-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



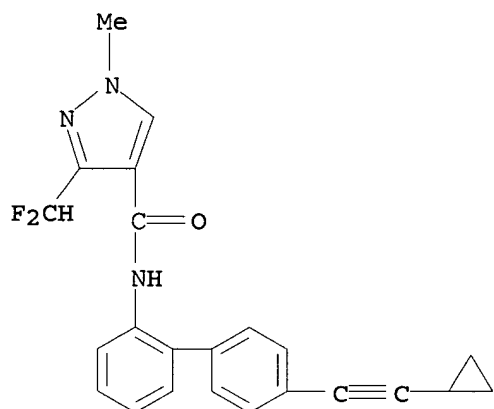
RN 723746-97-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(cyclopropylethynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



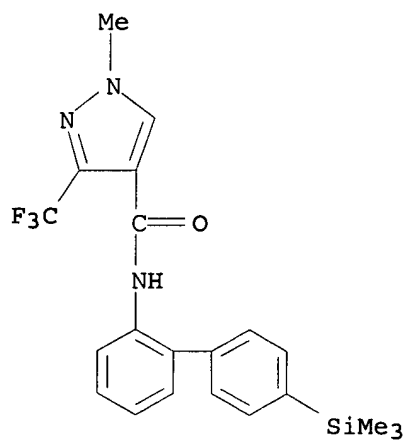
RN 723746-98-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(cyclopropylethynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

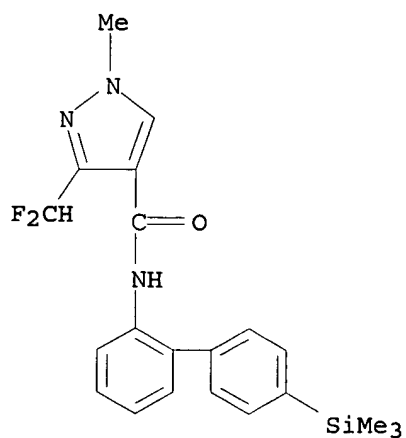


RN 723747-00-0 CAPLUS

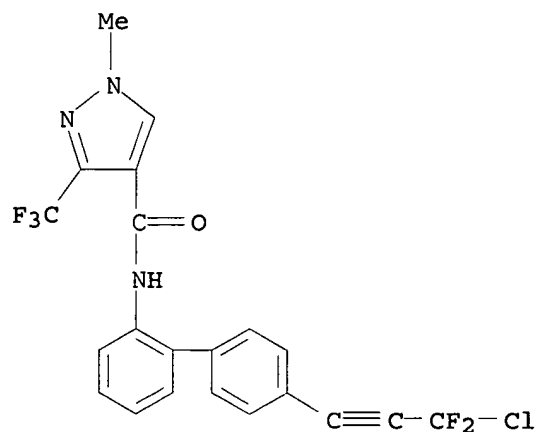
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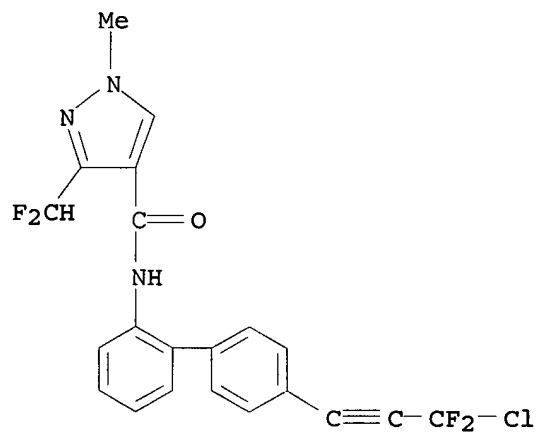
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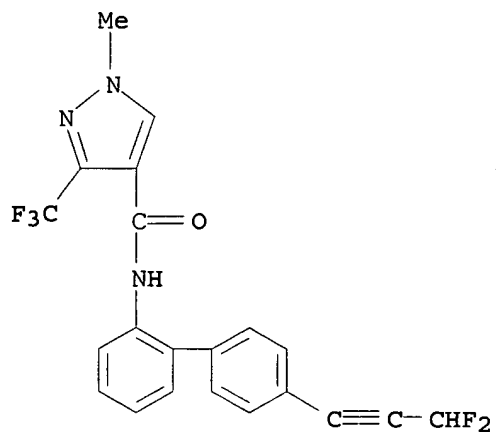
RN 723747-02-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-chloro-3,3-difluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



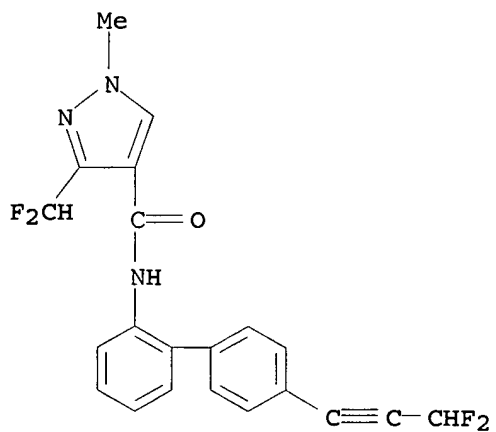
RN 723747-03-3 CAPLUS
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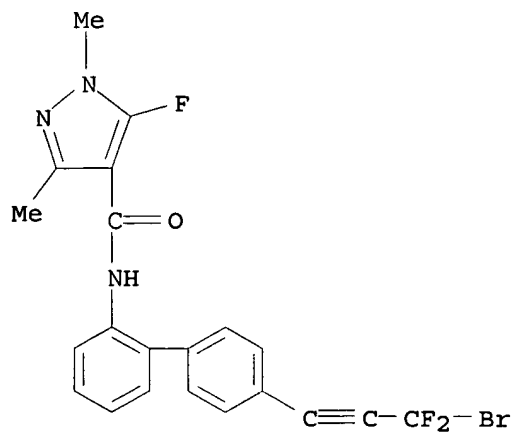
RN 723747-04-4 CAPLUS
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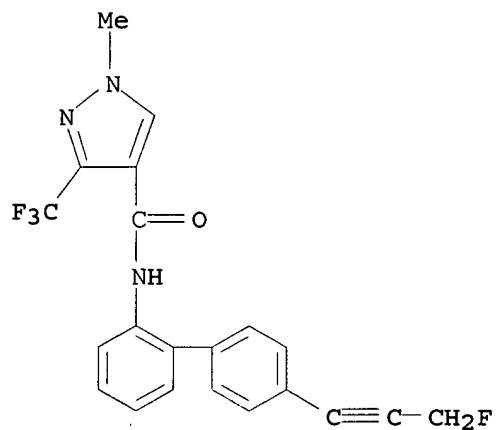
RN 723747-05-5 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-difluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



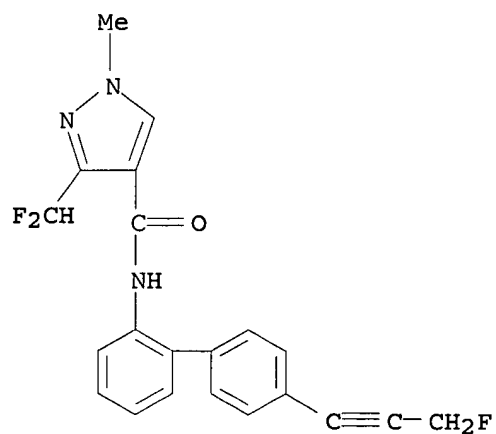
RN 723747-07-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-bromo-3,3-difluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 723747-08-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-fluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

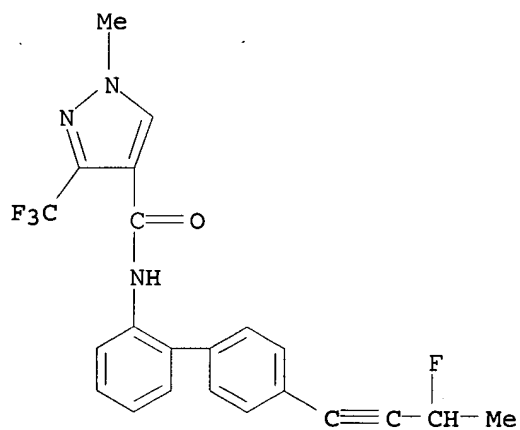


RN 723747-10-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-fluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



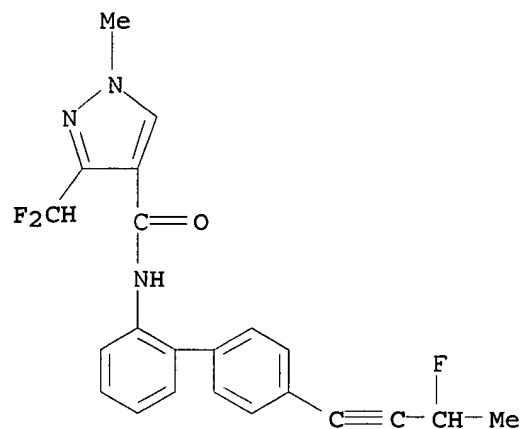
RN 723747-12-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-fluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(difluoromethyl)- (9CI) (CA INDEX NAME)



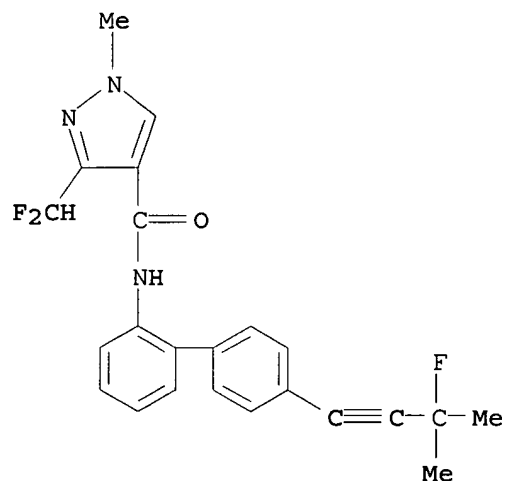
RN 723747-14-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-fluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



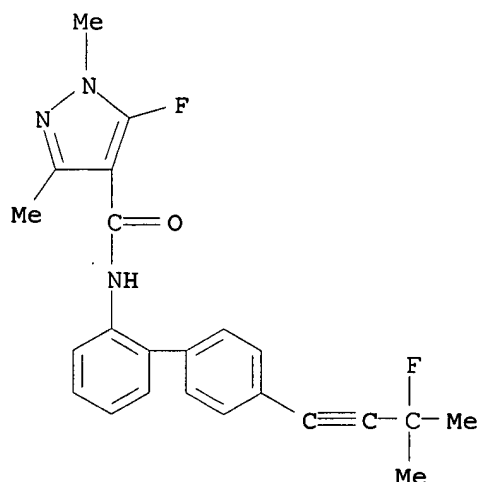
RN 723747-16-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-fluoro-3-methyl-1-butyryl)-1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



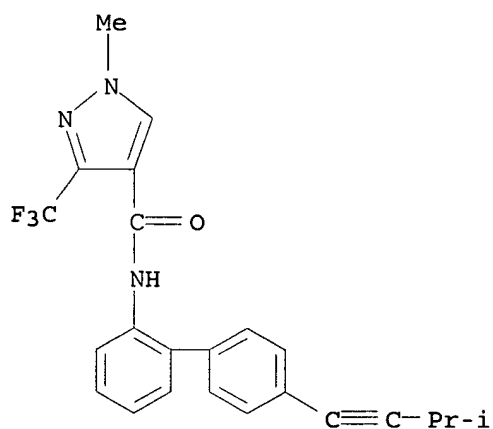
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CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(3-fluoro-3-methyl-1-butyryl)-1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



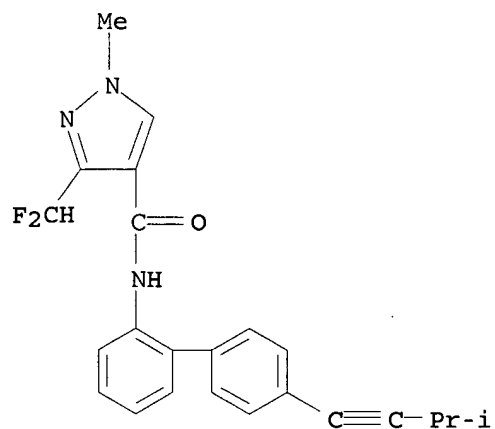
RN 723747-20-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



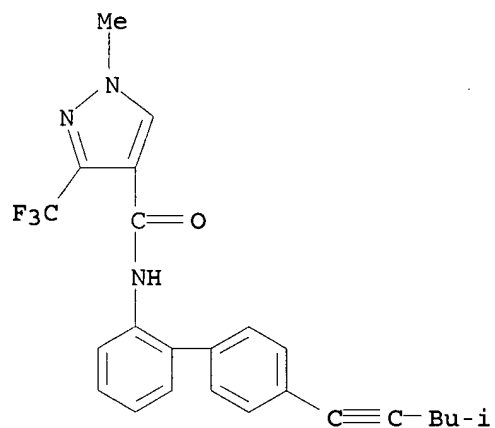
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



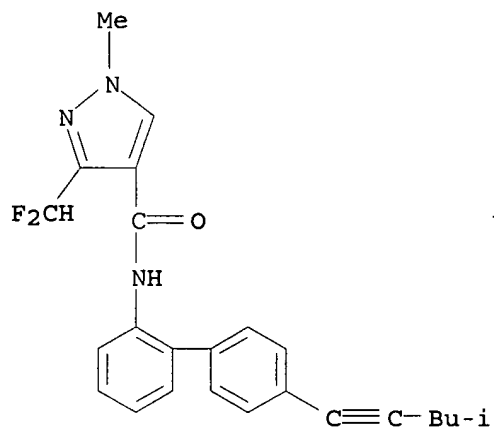
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CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(4-methyl-1-pentynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

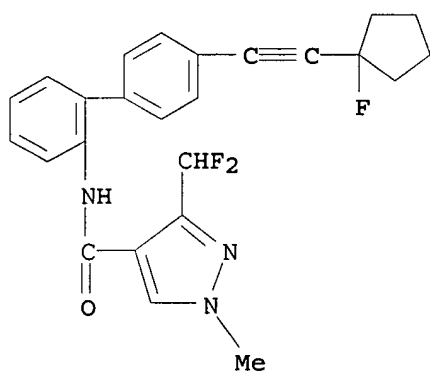


RN 723747-26-0 CAPLUS

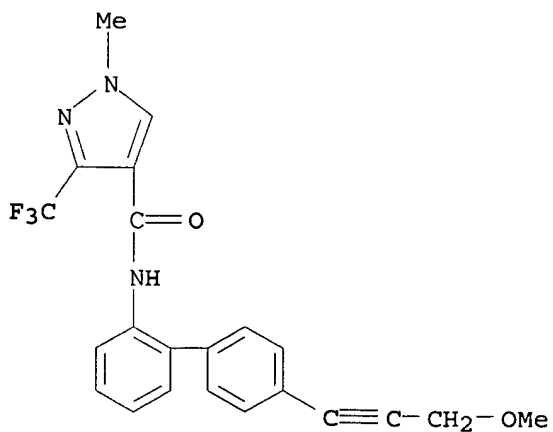
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(4-methyl-1-pentynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



RN 723747-27-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-[(1-fluorocyclopentyl)ethynyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

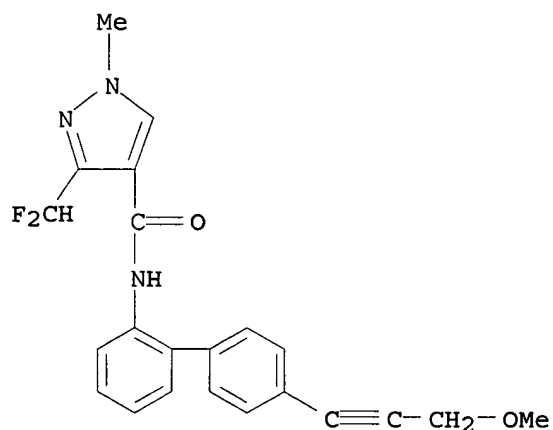


RN 723747-29-3 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-methoxy-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



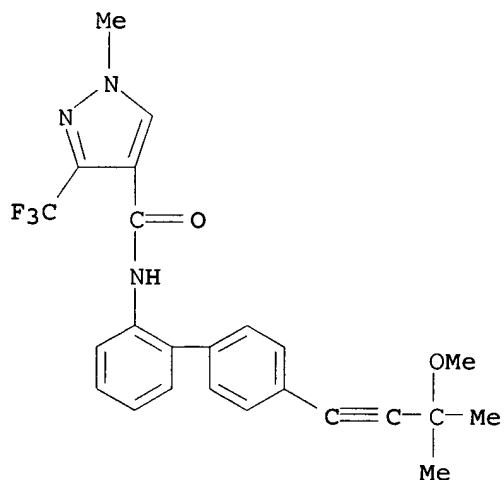
RN 723747-31-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



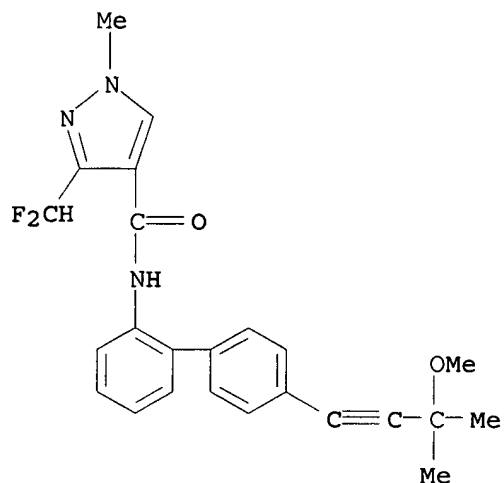
RN 723747-33-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



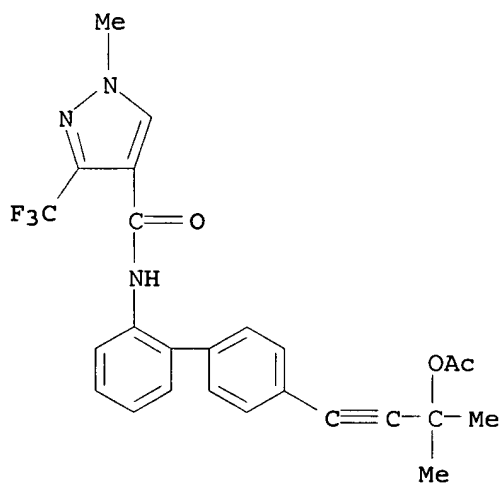
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



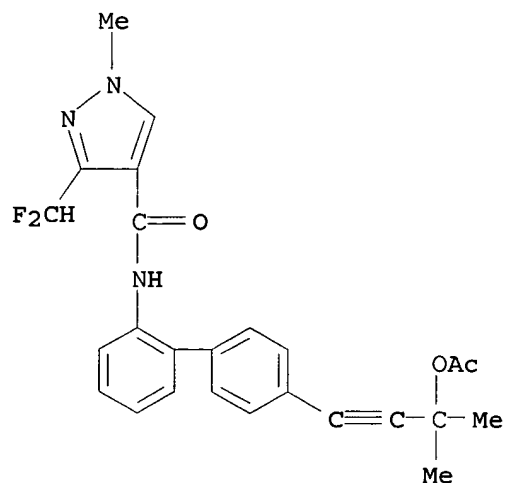
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CN 1H-Pyrazole-4-carboxamide, N-[4'-[3-(acetyloxy)-3-methyl-1-butynyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



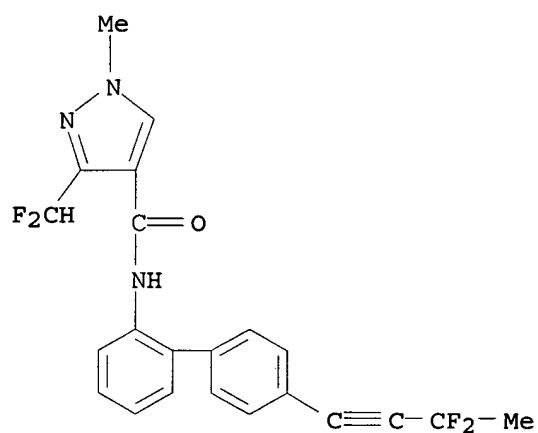
RN 723747-39-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[3-(acetyloxy)-3-methyl-1-butynyl][1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



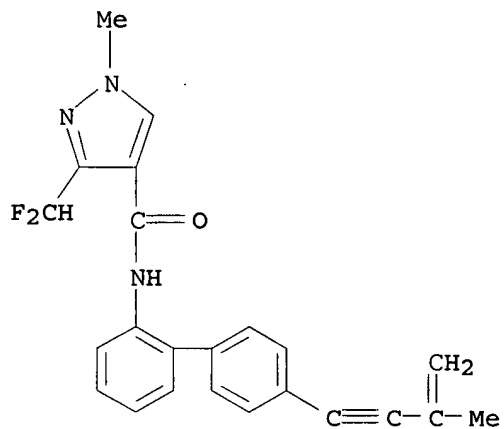
RN 723747-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



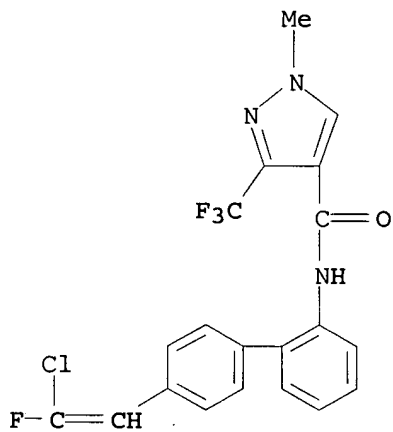
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3-methyl-3-buten-1-ynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



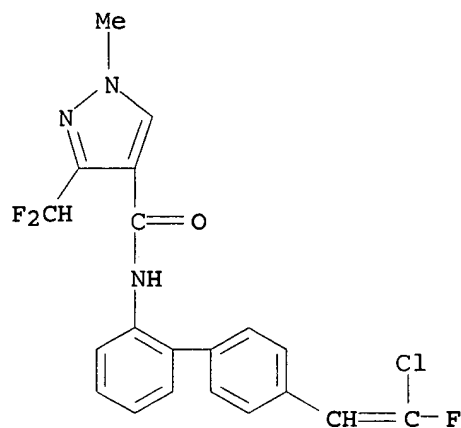
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CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-2-fluoroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



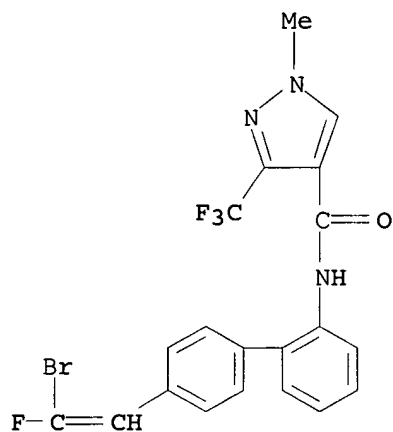
RN 723747-47-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-2-fluoroethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



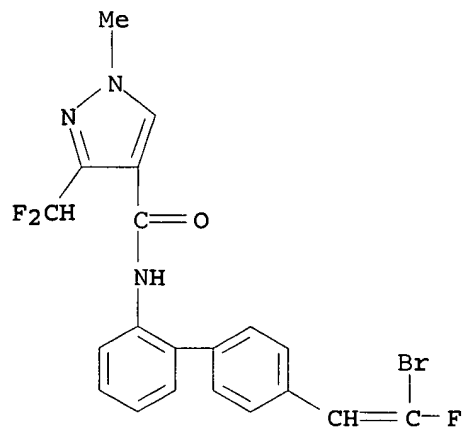
RN 723747-49-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromo-2-fluoroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

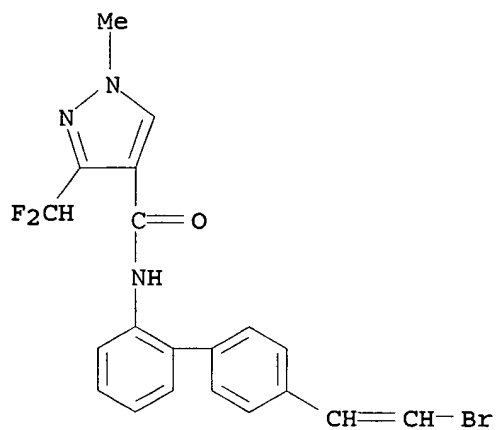


RN 723747-51-1 CAPLUS

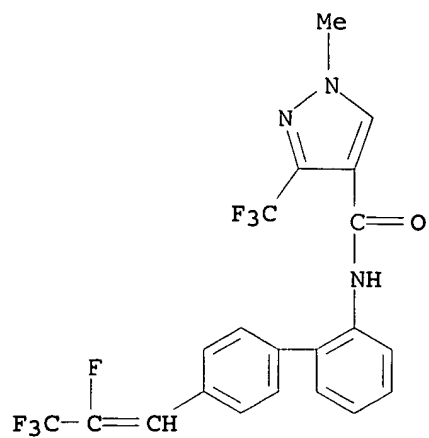
CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromo-2-fluoroethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 723747-53-3 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromoethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

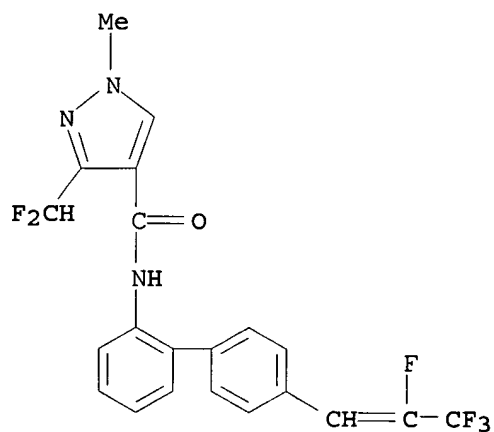


RN 723747-55-5 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(2,3,3,3-tetrafluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



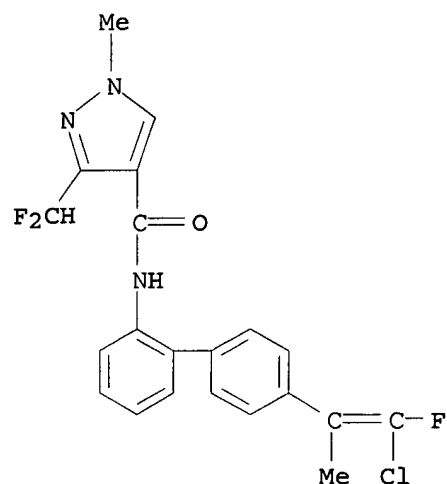
RN 723747-57-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(2,3,3,3-tetrafluoro-1-propenyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



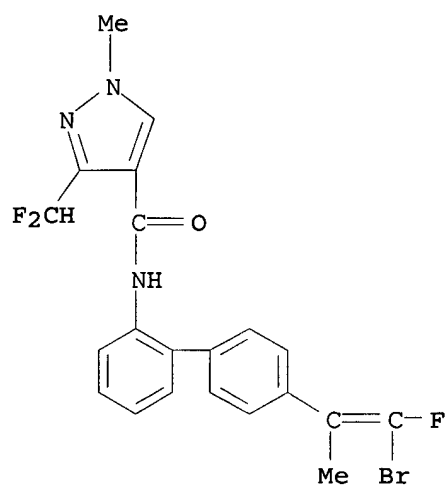
RN 723747-59-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-2-fluoro-1-methylethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



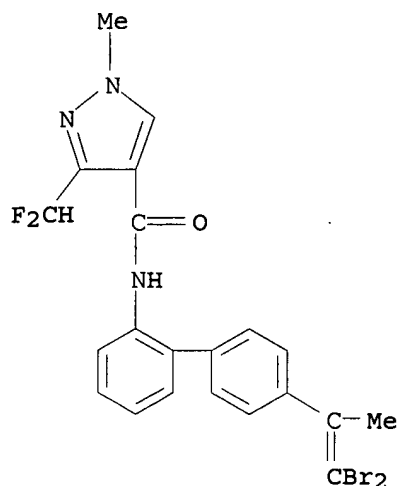
RN 723747-61-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromo-2-fluoro-1-methylethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



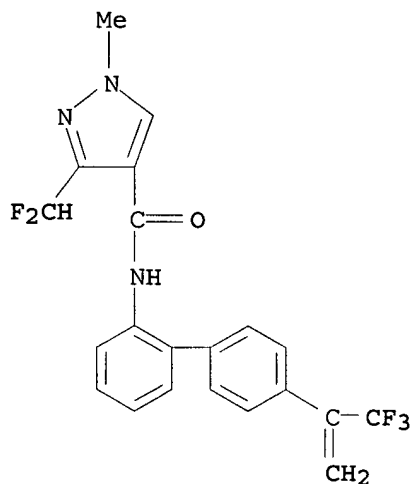
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CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dibromo-1-methylethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



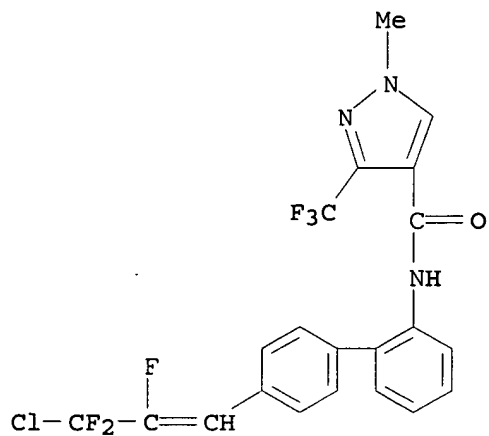
RN 723747-65-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-[1-(trifluoromethyl)ethenyl][1,1'-biphenyl]-2-yl]-(9CI) (CA INDEX NAME)



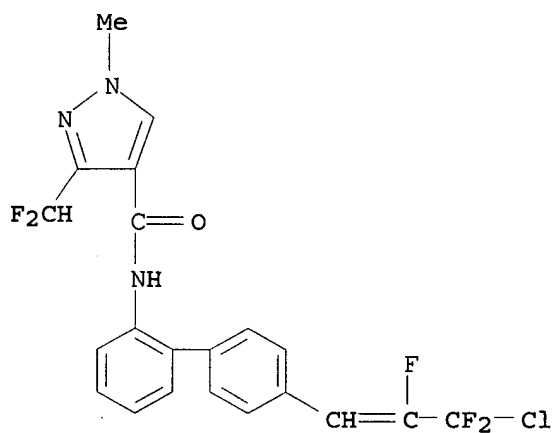
RN 723747-67-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-chloro-2,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



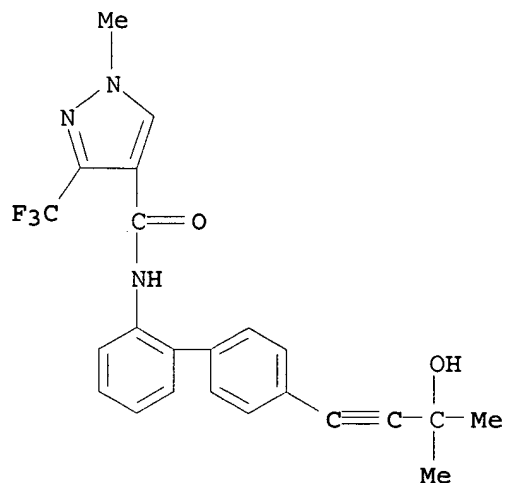
RN 723747-69-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-chloro-2,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



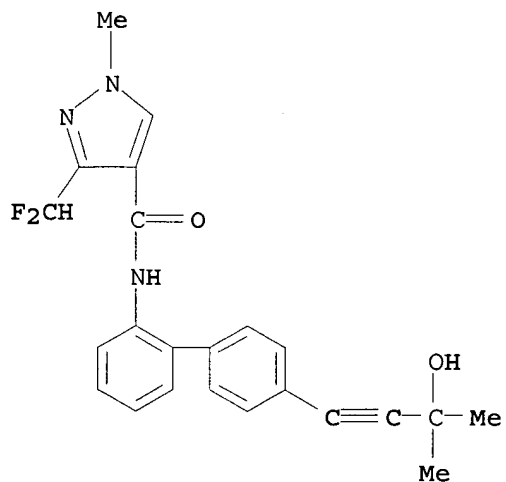
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CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-hydroxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



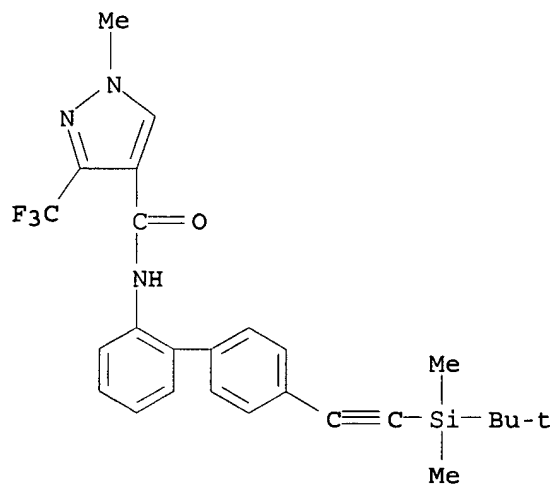
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-hydroxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



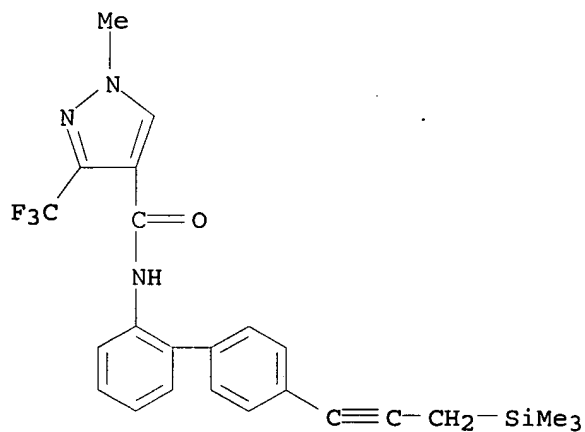
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CN 1H-Pyrazole-4-carboxamide, N-[4'-[[1,1-dimethylethyl)dimethylsilyl]ethynyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



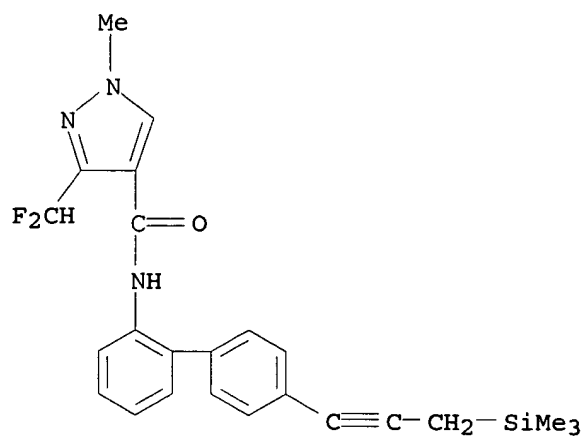
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CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-[3-(trimethylsilyl)-1-propynyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



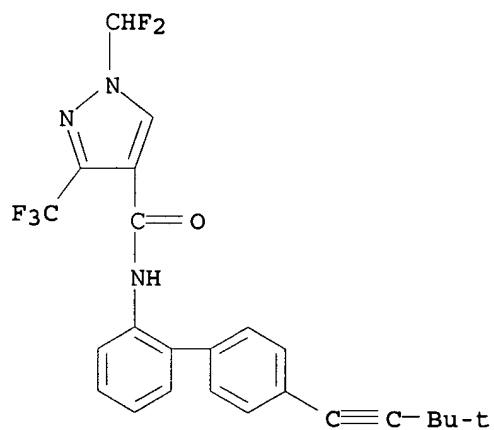
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-[3-(trimethylsilyl)-1-propynyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



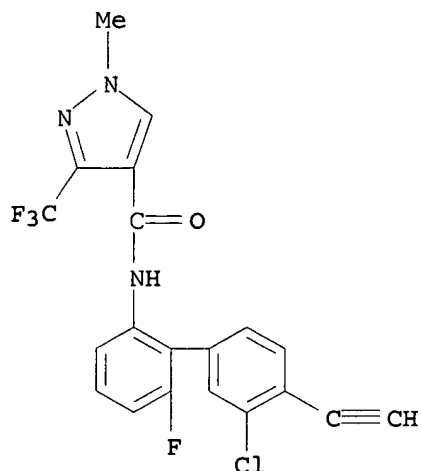
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CN 1H-Pyrazole-4-carboxamide, 1-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



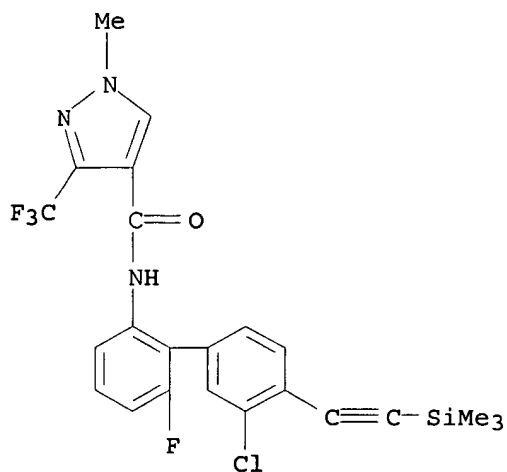
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CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-ethynyl-6-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



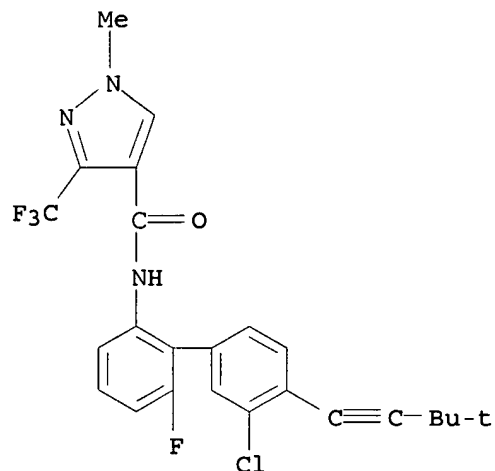
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CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-6-fluoro-4'-[(trimethylsilyl)ethynyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



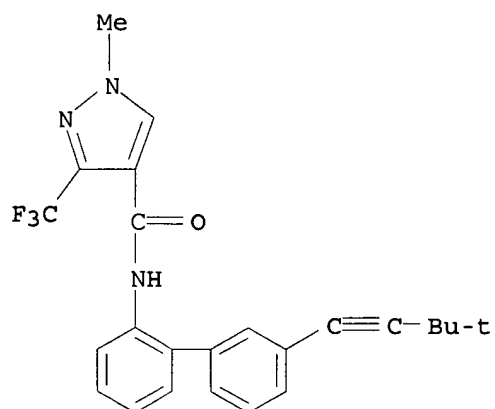
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CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-(3,3-dimethyl-1-butynyl)-6-fluoro[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



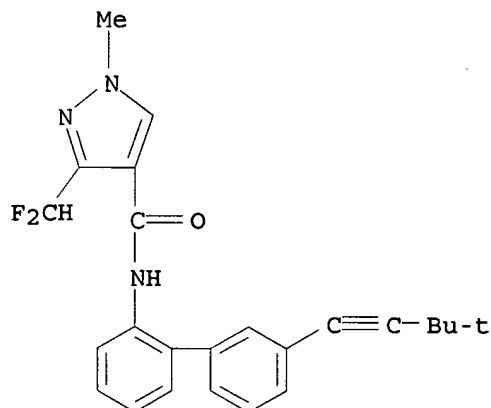
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CN 1H-Pyrazole-4-carboxamide, N-[3'-(3,3-dimethyl-1-butynyl) [1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 723749-50-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-(3,3-dimethyl-1-butynyl) [1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



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ACCESSION NUMBER: 2004:509994 CAPLUS

DOCUMENT NUMBER: 141:54333

TITLE: Preparation of biphenylcarboxamides as agricultural fungicides and insecticides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Greul, Joerg Nico; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Dahmen, Peter; Kuck, Karl-Heinz; Loesel, Peter

PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany

SOURCE: Ger. Offen., 70 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

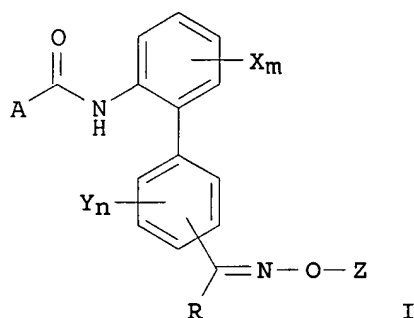
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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DE 10258314	A1	20040624	DE 2002-10258314	20021213
WO 2004054982	A1	20040701	WO 2003-EP13498	20031201
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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003298156	A1	20040709	AU 2003-298156	20031201
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003017290	A	20051108	BR 2003-17290	20031201
CN 1745067	A	20060308	CN 2003-80109571	20031201
JP 2006515841	T2	20060608	JP 2004-559734	20031201
PRIORITY APPLN. INFO.:			DE 2002-10258314	A 20021213
			WO 2003-EP13498	W 20031201
OTHER SOURCE(S):		MARPAT 141:54333		

GI



AB Title compds. [I; R = H, alkyl, haloalkyl; Z = alkenyl, alkynyl, haloalkenyl, haloalkynyl; X, Y = halo, cyano, NO₂, alkyl, alkoxy, alkylthio, haloalkyl, haloalkoxy, haloalkylthio; m, n = 0-4; A = 5-6 membered substituted heterocyclyl], were prepared Thus, 2'-amino-1,1'-biphenyl-4-carbaldehyde O-allyloxime (preparation given) and Et₃N was treated with 4-difluoromethyl-2-methylthiazole-5-carbonyl chloride in PhMe at room temperature followed by stirring for 3 h at 50° to give 49.6% N-(4'-[(E)-[(allyloxy)imino]methyl]-1,1'-biphenyl-2-yl)-4-(difluoromethyl)-2-methyl-1,3-thiazole-5-carboxamide. The latter at 100 ppm gave 100% control of *Venturia inaequalis*.

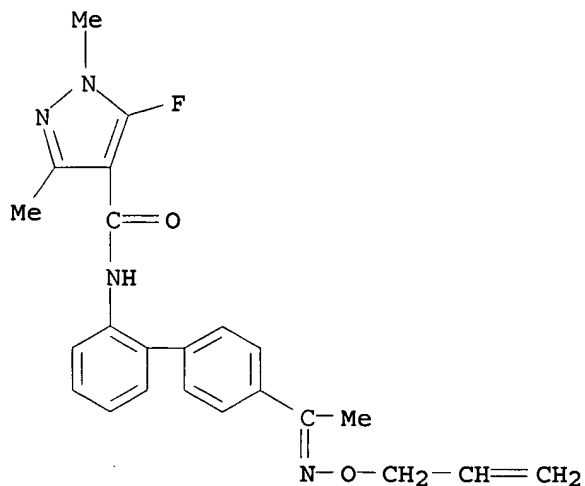
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705944-81-6P 705944-82-7P 705944-85-0P
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705944-98-5P 705944-99-6P 705945-08-0P
705963-34-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of biphenylcarboxamides as agricultural fungicides and insecticides)

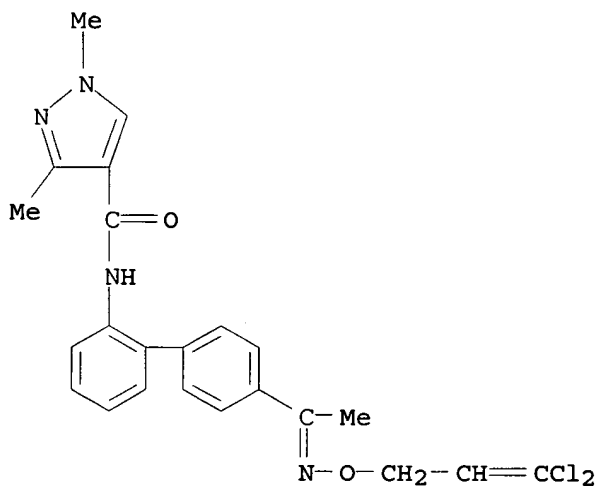
RN 705942-74-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[1-[(2-propenyloxy)imino]ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



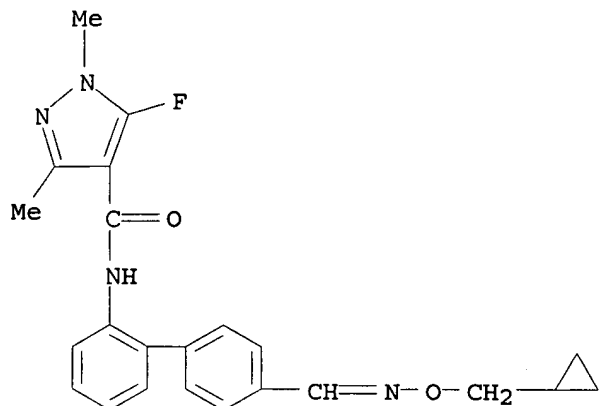
RN 705943-47-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(3,3-dichloro-2-propenyl)oxy]imino]ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



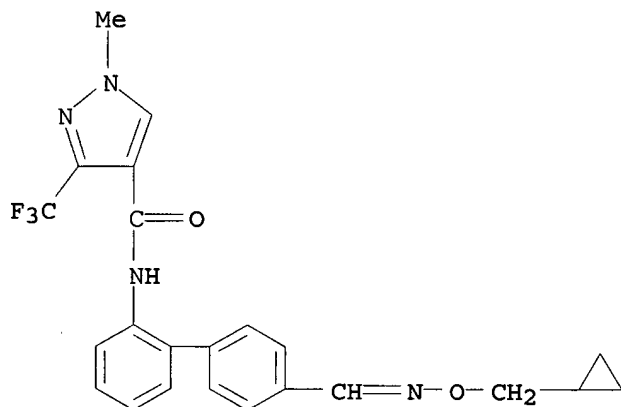
RN 705943-60-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[[(cyclopropylmethoxy)imino]methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



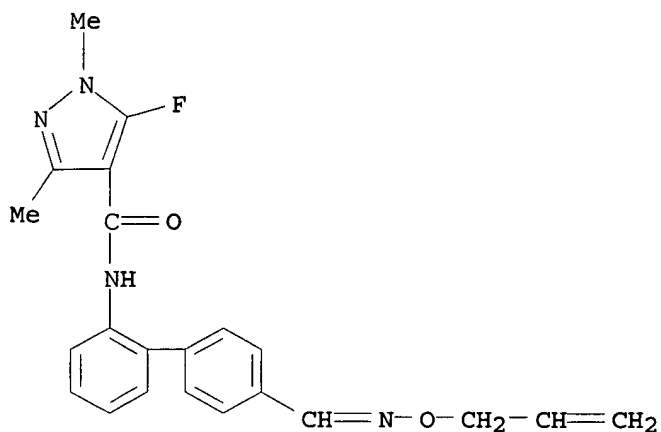
RN 705943-79-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[[[(cyclopropylmethoxy)imino]methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



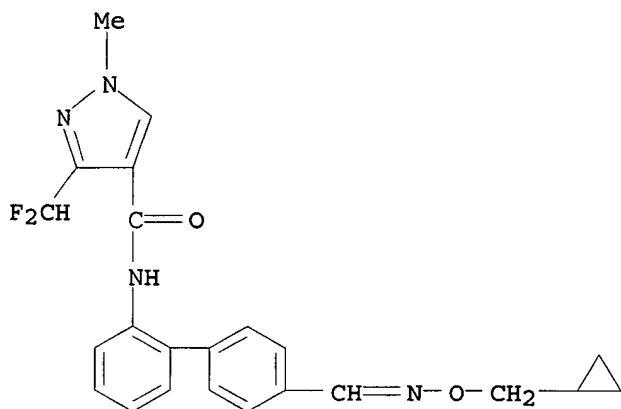
RN 705943-91-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[[[(2-propenyloxy)imino]methyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



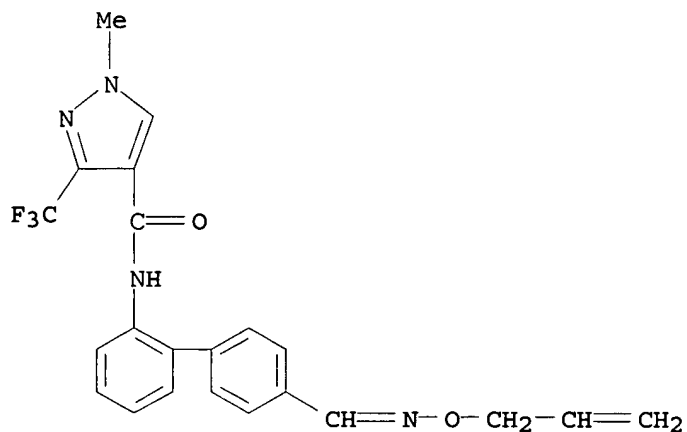
RN 705943-96-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[[[(cyclopropylmethoxy)imino]methyl][1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



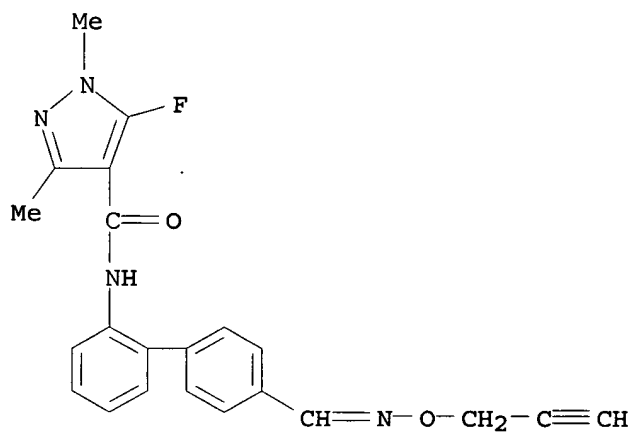
RN 705944-09-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-[[[(2-propenyloxy)imino]methyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



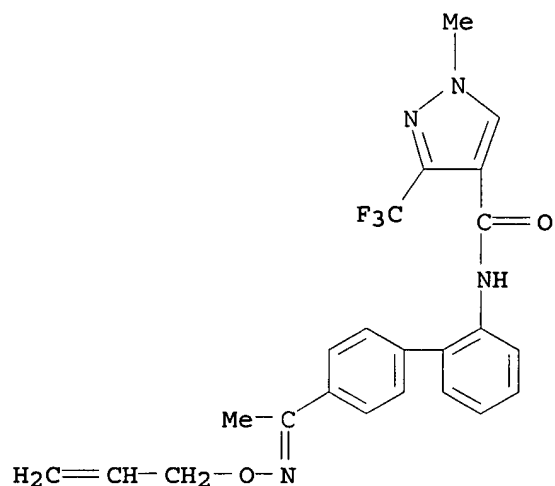
RN 705944-21-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[(2-propynyloxy)imino]methyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



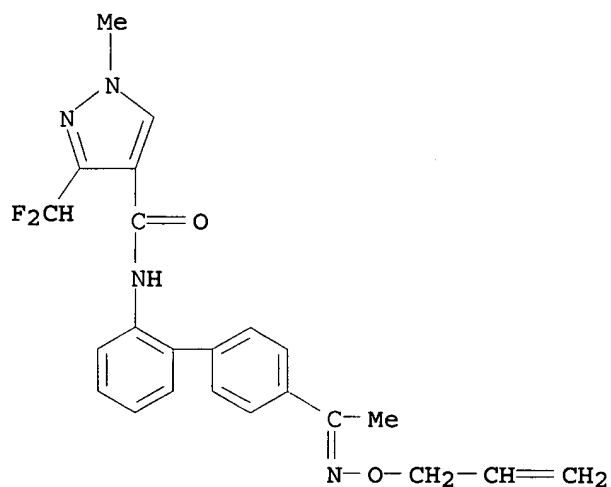
RN 705944-35-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-[1-[(2-propenyloxy)imino]ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



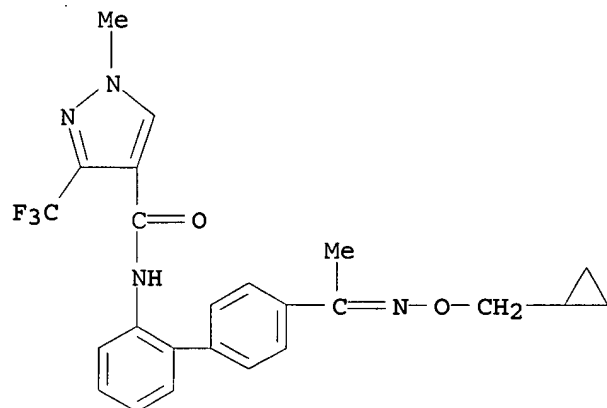
RN 705944-37-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-[1-[(2-propenyloxy)imino]ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



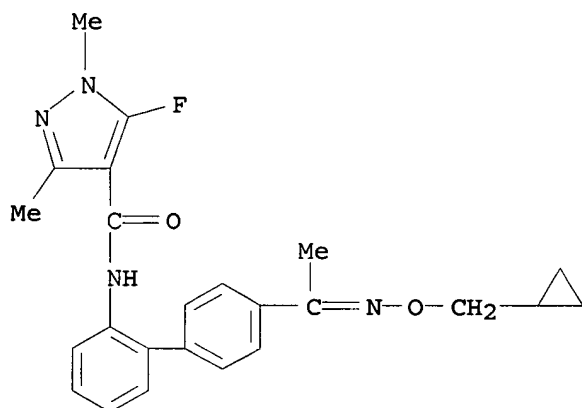
RN 705944-59-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(cyclopropylmethoxy)imino]ethyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



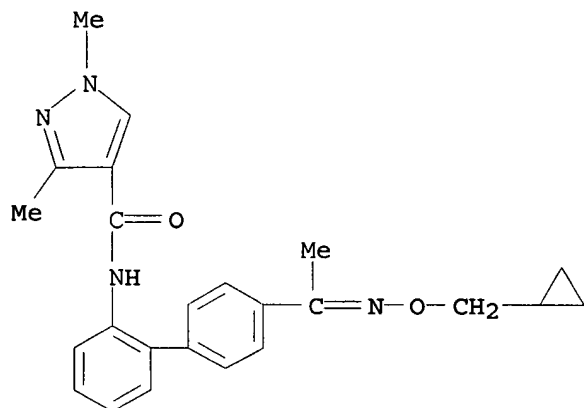
RN 705944-63-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(cyclopropylmethoxy)imino]ethyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



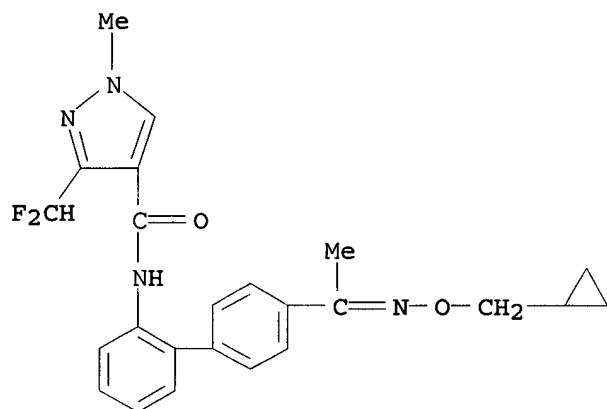
RN 705944-70-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(cyclopropylmethoxy)imino]ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



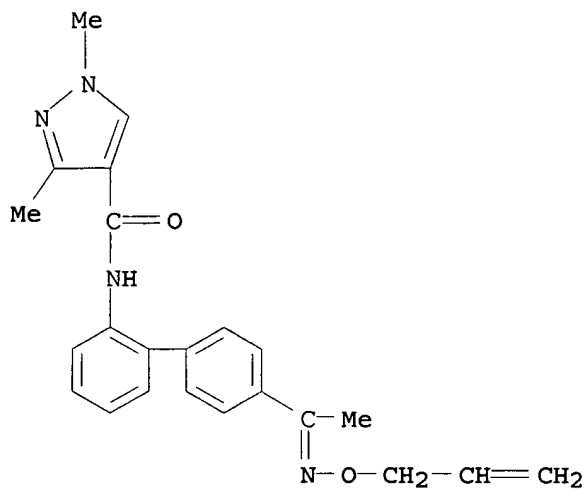
RN 705944-77-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(cyclopropylmethoxy)imino]ethyl][1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

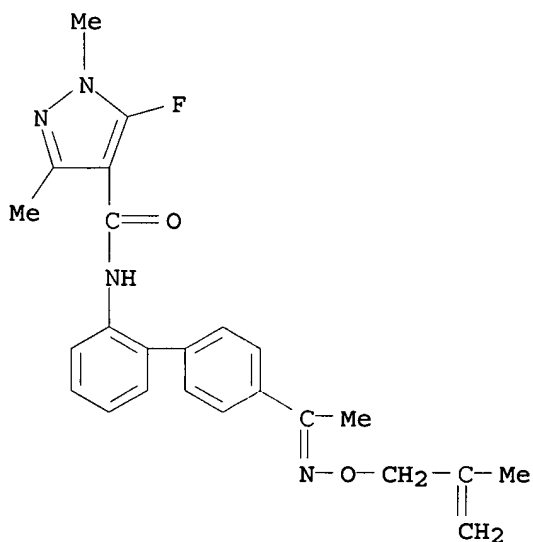


RN 705944-80-5 CAPLUS

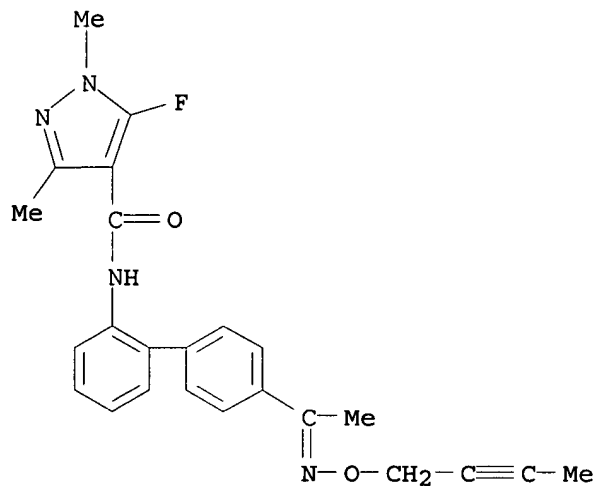
CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-[1-[(2-propenyloxy)imino]ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



RN 705944-81-6 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[1-[(2-methyl-2-propenyl)oxy]imino]ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)

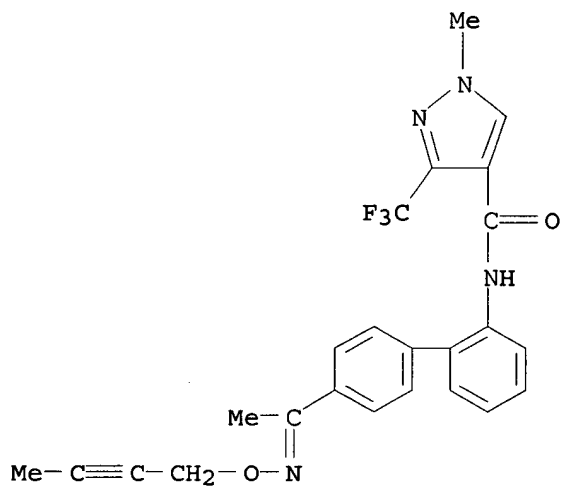


RN 705944-82-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(2-butynyloxy)imino]ethyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



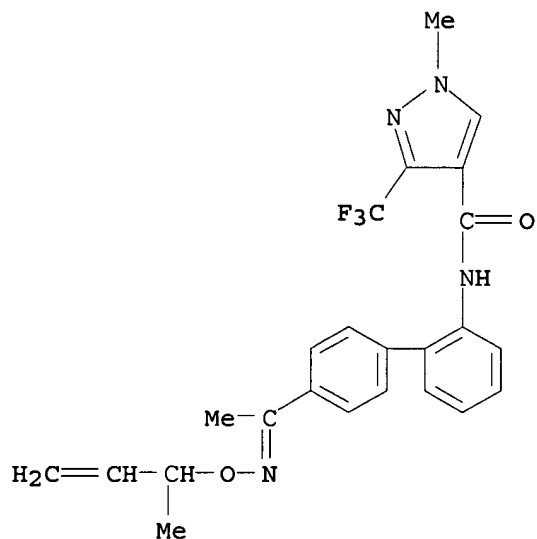
RN 705944-85-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(2-butynyloxy)imino]ethyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

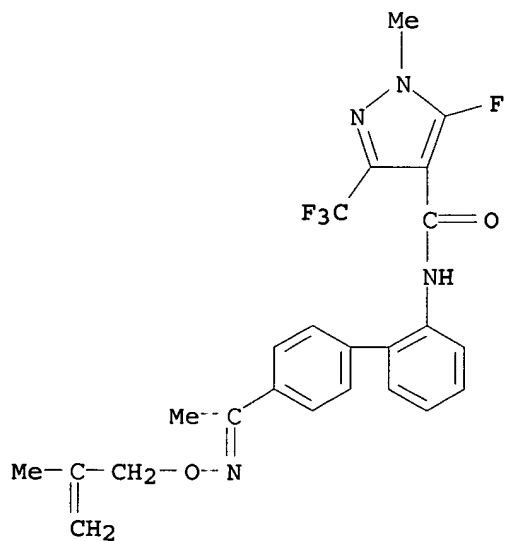


RN 705944-91-8 CAPLUS

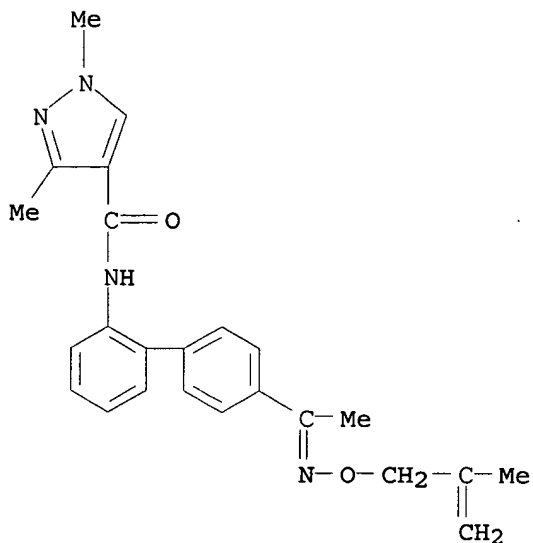
CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-[1-[(1-methyl-2-propenyl)oxy]imino]ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 705944-93-0 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-N-[4'-[1-[(2-methyl-2-propenyl)oxy]imino]ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI)
 (CA INDEX NAME)

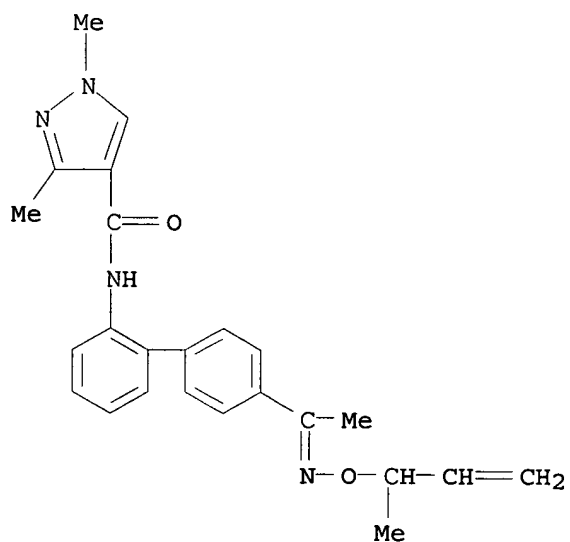


RN 705944-97-4 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-[1-[(2-methyl-2-propenyl)oxy]imino]ethyl][1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



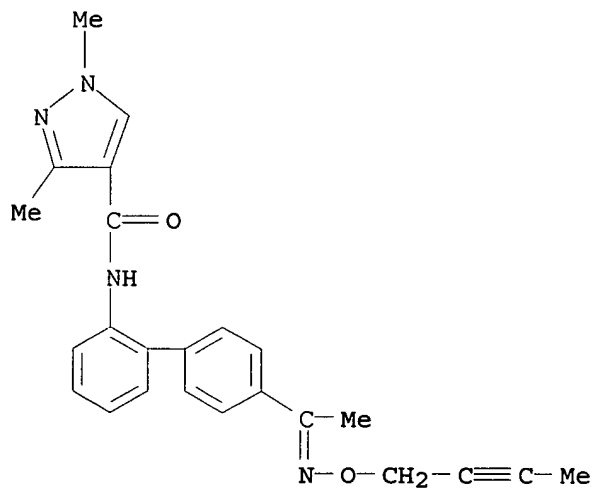
RN 705944-98-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-[1-[(1-methyl-2-propenyl)oxy]imino]ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



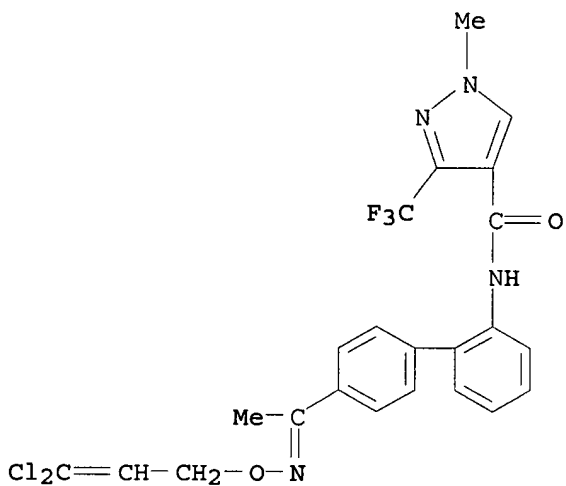
RN 705944-99-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(2-butynyloxy)imino]ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



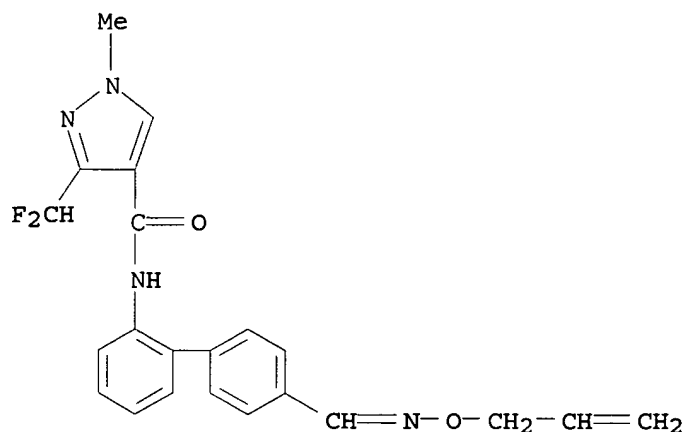
RN 705945-08-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-[(3,3-dichloro-2-propenyl)oxy]imino]ethyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

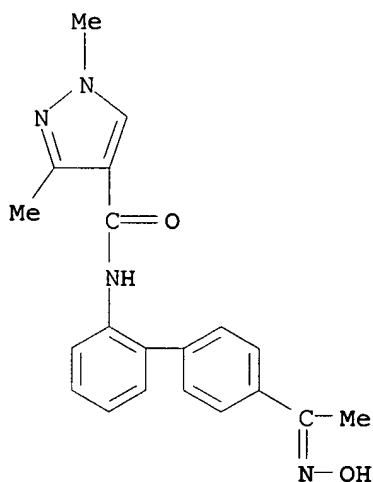


RN 705963-34-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-[[(2-propenyloxy)imino]methyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



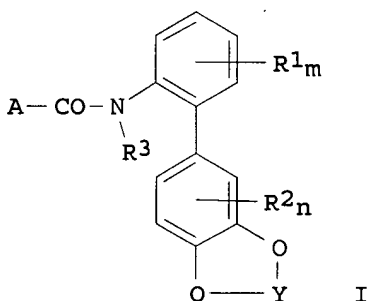
IT 705943-53-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of biphenylcarboxamides as agricultural fungicides and insecticides)
 RN 705943-53-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-(hydroxyimino)ethyl] [1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:891913 CAPLUS
 DOCUMENT NUMBER: 139:360405
 TITLE: Preparation of biphenylcarboxamide derivatives as agrochemical fungicides and bactericides
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Markert, Robert; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas
 PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
 SOURCE: Ger. Offen., 62 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent

LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10219035	A1	20031113	DE 2002-10219035	20020429
WO 2003093223	A1	20031113	WO 2003-EP3964	20030416
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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AU 2003227635	A1	20031117	AU 2003-227635	20030416
EP 1501786	A1	20050202	EP 2003-725044	20030416
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BR 2003009830	A	20050301	BR 2003-9830	20030416
JP 2005523934	T2	20050811	JP 2004-501363	20030416
US 2005272785	A1	20051208	US 2005-512706	20050513
PRIORITY APPLN. INFO.:			DE 2002-10219035	A 20020429
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OTHER SOURCE(S):			MARPAT 139:360405	
GI				

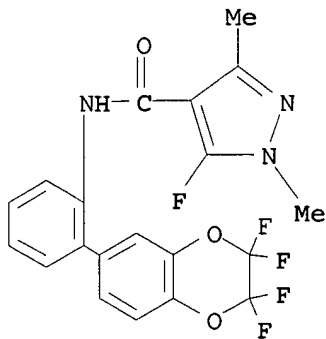


AB The biphenylcarboxamide derivs. I [R1, R2 = H, halo, CN, NO2, (halo)alkyl, (halo)alkoxy, etc.; m = 1-4; n = 1-3; R3 = H, OH, (halo)alkyl, cycloalkyl, etc.; Y = CO or (un)substituted alkylene; A = (un)substituted heterocyclyl] are prepared as agrochem. fungicides and bactericides.

IT 622383-41-9P 622383-43-1P 622383-55-5P
 622383-61-3P 622383-63-5P 622383-65-7P
 622383-67-9P 622383-69-1P 622383-71-5P
 622383-73-7P 622383-75-9P 622383-77-1P
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as agrochem. fungicide and bactericide)

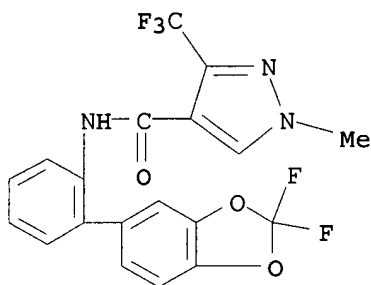
RN 622383-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-6-yl)phenyl]- (9CI) (CA INDEX NAME)



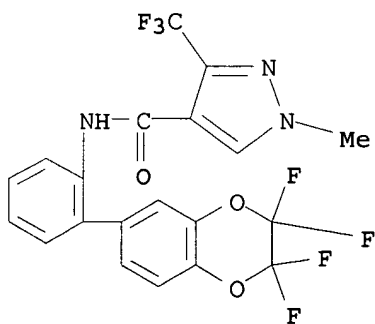
RN 622383-43-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(2,2-difluoro-1,3-benzodioxol-5-yl)phenyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



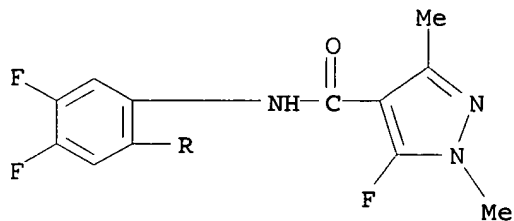
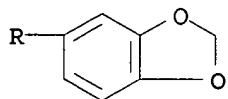
RN 622383-55-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-6-yl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



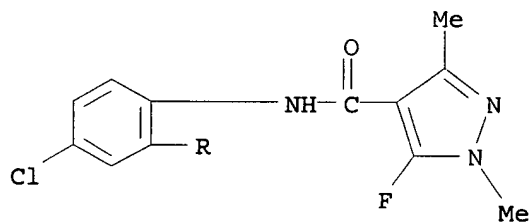
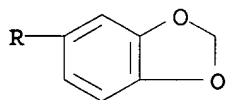
RN 622383-61-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4,5-difluorophenyl]-3-(trifluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



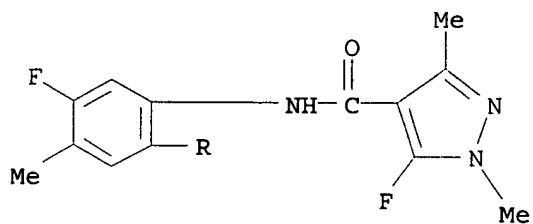
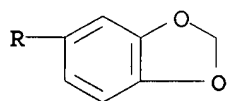
RN 622383-63-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4-chlorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 622383-65-7 CAPLUS

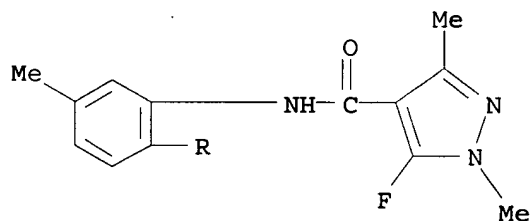
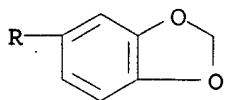
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RN 622383-67-9 CAPLUS

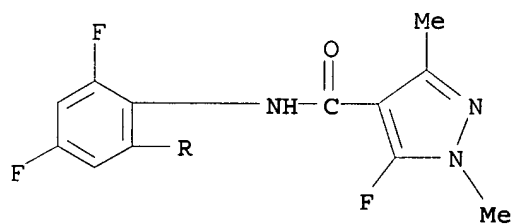
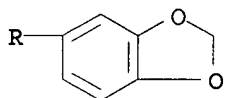
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CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-5-methylphenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



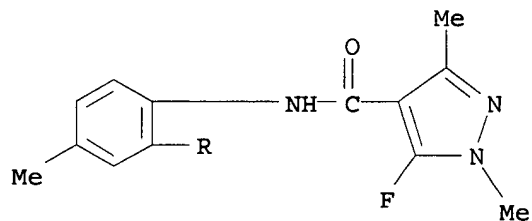
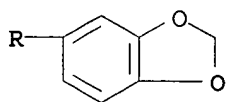
RN 622383-69-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4,6-difluorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



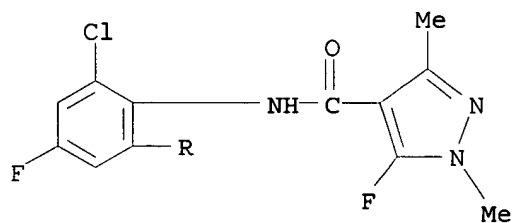
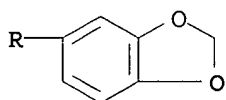
RN 622383-71-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4-methylphenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



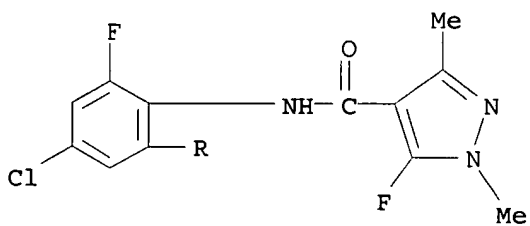
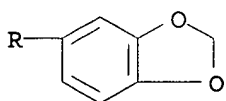
RN 622383-73-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-6-chloro-4-fluorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



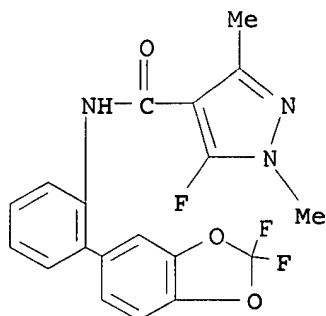
RN 622383-75-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4-chloro-6-fluorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 622383-77-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(2,2-difluoro-1,3-benzodioxol-5-yl)phenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

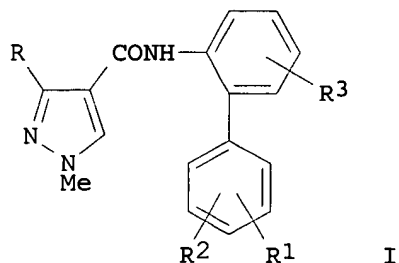


L4 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:678788 CAPLUS
 DOCUMENT NUMBER: 139:180060
 TITLE: Preparation of N-1,1'-biphenyl-2-yl-1H-pyrazole-4-carboxamides as microbicides
 INVENTOR(S): Dunkel, Ralf; Rieck, Heiko; Elbe, Hans-Ludwig; Wachendorff-Neumann, Ulrike; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
 SOURCE: PCT Int. Appl., 67 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070705	A1	20030828	WO 2003-EP1178	20030206
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10215292	A1	20030828	DE 2002-10215292	20020408
CA 2476462	AA	20030828	CA 2003-2476462	20030206
AU 2003246698	A1	20030909	AU 2003-246698	20030206
BR 2003007787	A	20041228	BR 2003-7787	20030206
EP 1490342	A1	20041229	EP 2003-742451	20030206
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
CN 1646494	A	20050727	CN 2003-808422	20030206
JP 2005530694	T2	20051013	JP 2003-569612	20030206
NZ 534710	A	20060630	NZ 2003-534710	20030206
ZA 2004006487	A	20050816	ZA 2004-6487	20040816
US 2006116414	A1	20060601	US 2005-504451	20050211
PRIORITY APPLN. INFO.:			DE 2002-10206794	A 20020219
			DE 2002-10215292	A 20020408

OTHER SOURCE(S) :
GI

MARPAT 139:180060



AB Title compds. [I; R = CHF₂, CF₃; R₁, R₂ = halo, cyano, NO₂, alkyl, alkenyl, (halo)alkoxy, (halo)alkylthio, alkylsulfonyl, cycloalkyl, haloalkyl, haloalkylsulfonyl; R₃ = F], were prepared Thus, N-(2-bromo-6-fluorophenyl)-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (preparation given) and 3-chloro-4-fluorophenylboronic acid are suspended in a mixture of PhMe, EtOH, and saturated Na₂CO₃ under Ar atmospheric and

exclusion of O₂ followed by heating with tetrakis(triphenylphosphine)palladium(0) for 1 h at 100° to give 96% N-(3'-chloro-3,4'-difluoro-1,1'-biphenyl-2-yl)-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide. The latter at 100 ppm gave 100% control of *Podosphaera leucotricha* on apple.

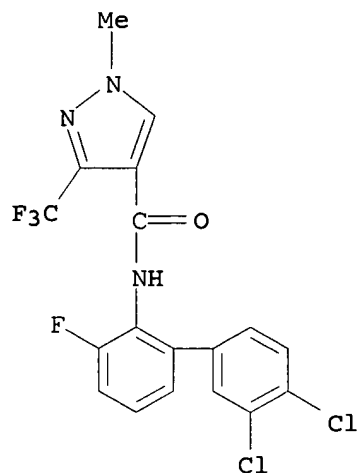
IT 581809-34-9P 581809-36-1P 581809-38-3P
581809-39-4P 581809-40-7P 581809-41-8P
581809-42-9P 581809-43-0P 581809-44-1P
581809-45-2P 581809-46-3P 581809-47-4P
581809-48-5P 581809-49-6P 581809-50-9P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (biphenyl)pyrazolecarboxamides as microbicides)

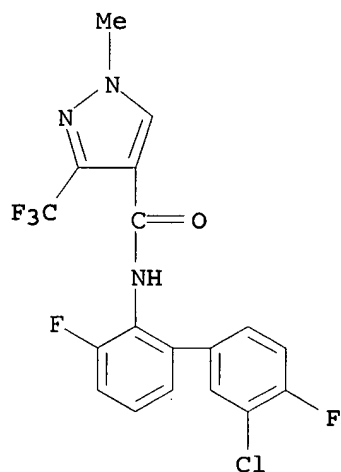
RN 581809-34-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-3-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



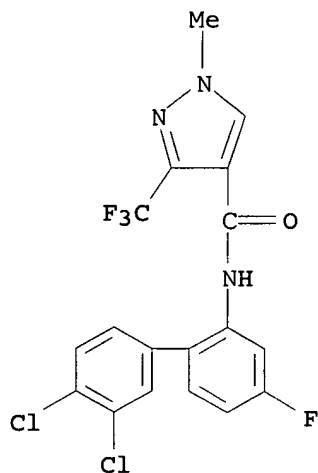
RN 581809-36-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-3,4'-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



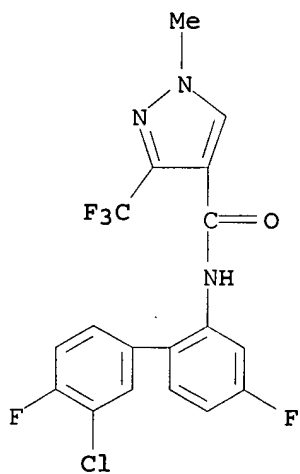
RN 581809-38-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



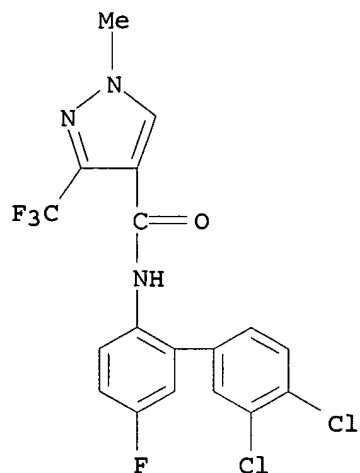
RN 581809-39-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4,4'-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



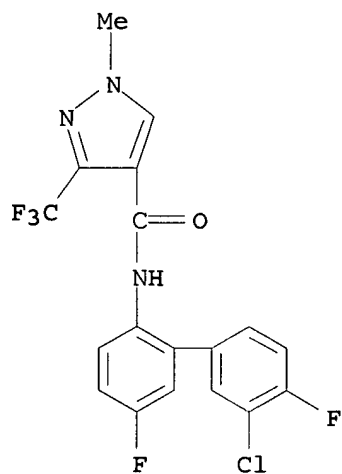
RN 581809-40-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



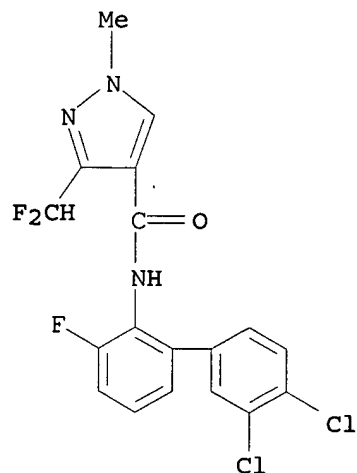
RN 581809-41-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4',5-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



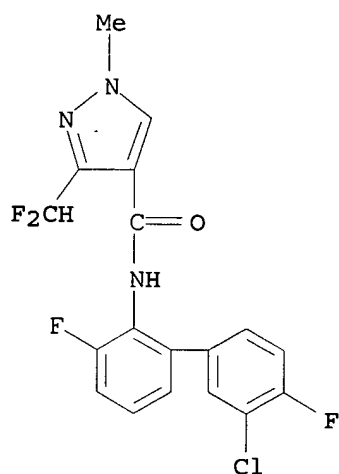
RN 581809-42-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-3-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



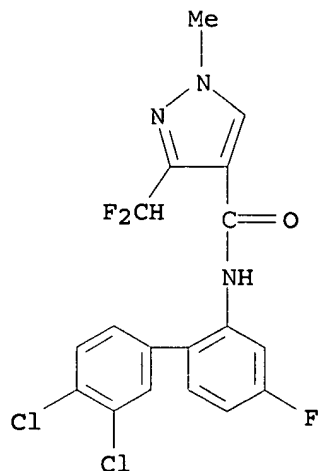
RN 581809-43-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-3,4'-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



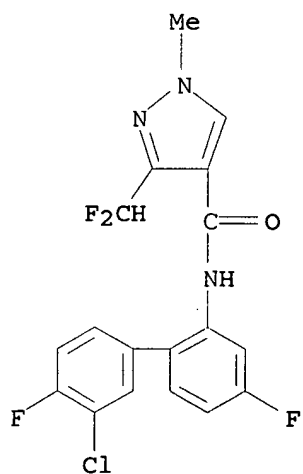
RN 581809-44-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



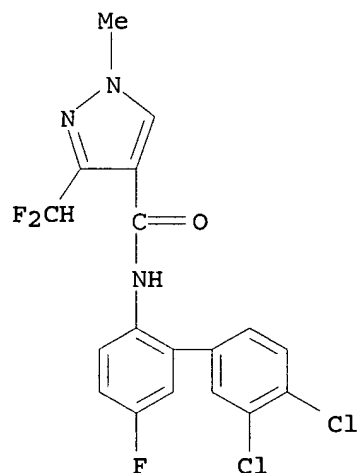
RN 581809-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



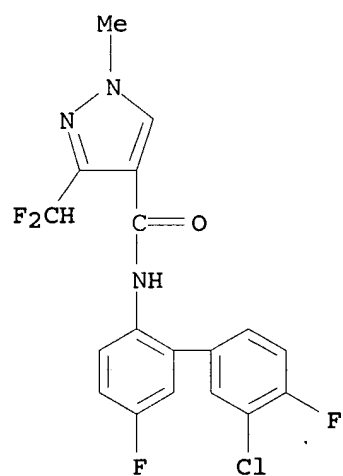
RN 581809-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



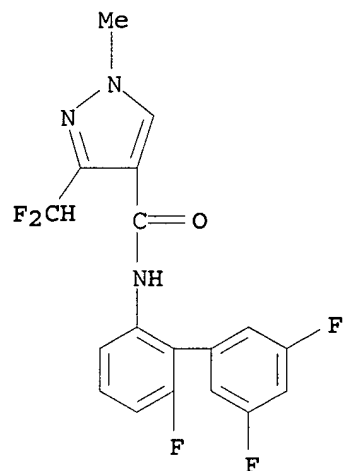
RN 581809-47-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4',5-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



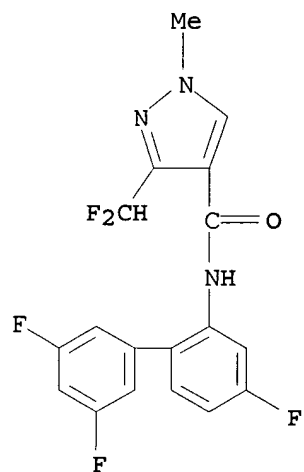
RN 581809-48-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',5',6-trifluoro[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



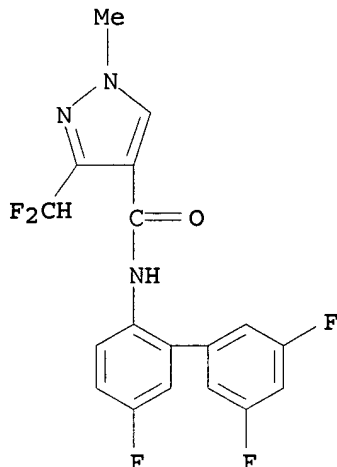
RN 581809-49-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4,5'-trifluoro[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



RN 581809-50-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',5,5'-trifluoro[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:927408 CAPLUS

DOCUMENT NUMBER: 138:14057

TITLE: Preparation of substituted anilide derivatives as agricultural and horticultural chemicals

INVENTOR(S): Furuya, Takashi; Yamaguchi, Minoru; Tohnishi, Masanori; Seo, Akira; Morimoto, Masayuki; Takemoto, Tsuyoshi; Fujioka, Shinsuke

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

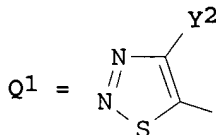
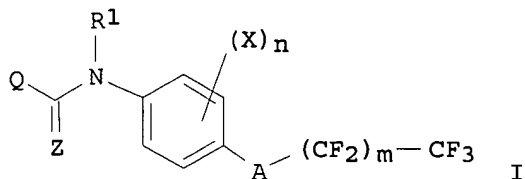
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002096882	A1	20021205	WO 2002-JP5285	20020530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2447640	AA	20021205	CA 2002-2447640	20020530
JP 2003048878	A2	20030221	JP 2002-157757	20020530
EP 1400516	A1	20040324	EP 2002-730796	20020530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002009726	A	20040420	BR 2002-9726	20020530
CN 1512986	A	20040714	CN 2002-810844	20020530
RU 2266285	C2	20051220	RU 2003-134631	20020530
ZA 2003008813	A	20041123	ZA 2003-8813	20031112

US 2004116744
PRIORITY APPLN. INFO.:

A1 20040617
OTHER SOURCE(S):
GI MARPAT 138:14057

US 2003-478834
JP 2001-164787
WO 2002-JP5285

20031126
A 20010531
W 20020530



AB The title compds. I [R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR2R3)p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer of 0 to 6; when p is 0, X is C2-8 alkyl, C1-8 alkoxy, or the like, while when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4; Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared Aniline intermediates for I are disclosed. I are useful as insecticides, acaricides, and fungicides. Compds. of this invention at 500 ppm gave $\geq 90\%$ control of Tetranychus urticae.

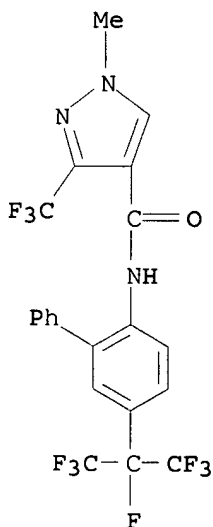
IT 477736-97-3P 477736-98-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted anilide derivs. as insecticides, acaricides, and fungicides)

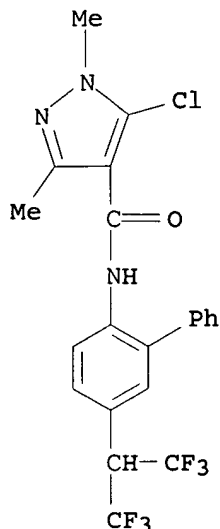
RN 477736-97-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[5-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



RN 477736-98-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[5-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl] [1,1'-biphenyl]-2-yl] - (9CI) (CA INDEX NAME)



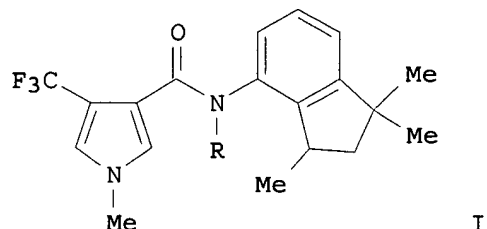
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:575050 CAPLUS
 DOCUMENT NUMBER: 137:140520
 TITLE: Preparation of carboxamides as agrochemical fungicides
 INVENTOR(S): Walter, Harald; Trah, Stephan
 PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.
 SOURCE: PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059086	A1	20020801	WO 2002-EP717	20020124
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2433819	AA	20020801	CA 2002-2433819	20020124
EP 1355879	A1	20031029	EP 2002-715469	20020124
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2002006678	A	20040210	BR 2002-6678	20020124
CN 1498208	A	20040519	CN 2002-804178	20020124
JP 2004519464	T2	20040702	JP 2002-559388	20020124

ZA 2003005102	A	20040825	ZA 2003-5102	20030630
US 2004138265	A1	20040715	US 2004-470069	20040112
PRIORITY APPLN. INFO.:			GB 2001-1996	A 20010125
			WO 2002-EP717	W 20020124

OTHER SOURCE(S): MARPAT 137:140520
GI



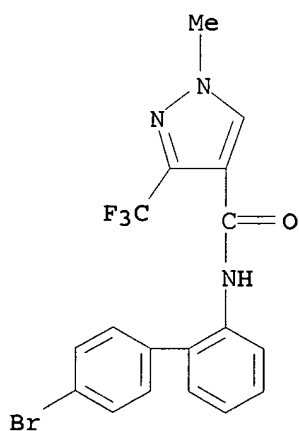
AB The title compds. ACONR1Q [A = substituted pyrazol-4-yl, pyrrol-3-yl, thiazol-5-yl, etc.; Q = substituted Ph, thienyl, indan-4-yl, etc.; R1 = CH₂CH:CH₂, CH₂C.tplbond.CH, COMe, etc.] which have plant-protective properties and are suitable for protecting plants against infestation by phytopathogenic microorganisms, in particular fungi, were prepared Thus, N-alkylation of the amide I [R = H] with propargyl bromide in the presence of NaH in THF afforded the title amide I [R = CH₂C.tplbond.CH] which exhibit strong efficacy (<20% infestation) in tests against Puccinia recondita/wheat and against Podosphaera leucotricha/apple. All the claimed compds. follow the author's nomenclature.

IT 444618-54-6

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of carboxamides as agrochem. fungicides)

RN 444618-54-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

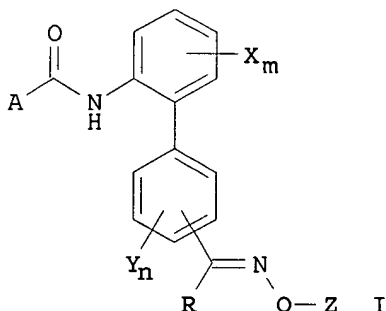
L4 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:90017 CAPLUS

DOCUMENT NUMBER: 136:151158

TITLE: Preparation of N-biphenylcarboxamides as bactericides
 INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel, Ralf;
 Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid;
 Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 164 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008197	A1	20020131	WO 2001-EP7981	20010711
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10122447	A1	20020418	DE 2001-10122447	20010509
EP 1305292	A1	20030502	EP 2001-956525	20010711
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012676	A	20030624	BR 2001-12676	20010711
JP 2004504383	T2	20040212	JP 2002-514103	20010711
ZA 2003000633	A	20040212	ZA 2003-633	20030123
US 2004039043	A1	20040226	US 2003-333598	20030506
PRIORITY APPLN. INFO.:			DE 2000-10035857	A 20000724
			DE 2001-10122447	A 20010509
			WO 2001-EP7981	W 20010711
OTHER SOURCE(S):			MARPAT 136:151158	
GI				



AB Title compds. [I; R = H, (halo)alkyl, cycloalkyl; Z = H, (halo)alkyl; X, Y = halo, NO₂, cyano, OH, CO₂H, cycloalkyl, alkoxy, alkoxyimidoalkyl, (halo-substituted) alkyl, alkoxy, alkylthio, alkenyloxy, alkynyloxy, alkylsulfonyl, alkylsulfinyl; m = 0-3; n = 0-4; A = (substituted) 1H-pyrazol-4-yl, 2- or 3-thienyl, Ph, 3-pyridinyl, 3-pyranyl, 1,4-oxathiin-3-yl, 2- or 3-thiopyranyl, 3-pyrrolyl, 3- or 2-furanyl, 5- or 4-thiazolyl, 4-isothiazolyl, 5-isoxazolyl, 2-pyrazinyl],

were prepared Thus, a mixture of 2-(4-methoxyiminomethylphenyl)benzenamine (preparation given) and Et₃N in PhMe was stirred with 2-methyl-4-trifluoromethylthiazole-5-carbonyl chloride at room temperature followed by stirring for 2 h at 50° to give 74% N-[2-(4-methoxyimidomethylphenyl)phenyl]-2-methyl-4-trifluoromethylthiazole-5-carboxamide. Several I at 100 ppm gave 77-100% control of *Podosphaera leucotricha* on apple.

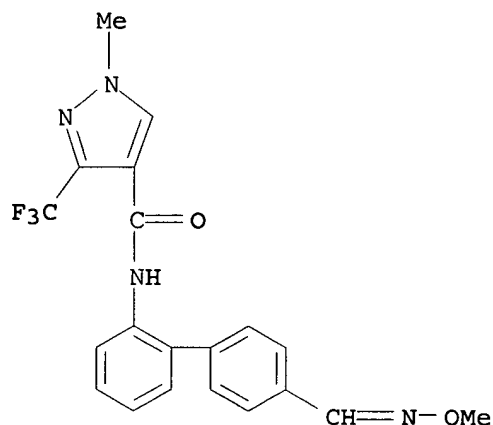
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-biphenylcarboxamides as bactericides)

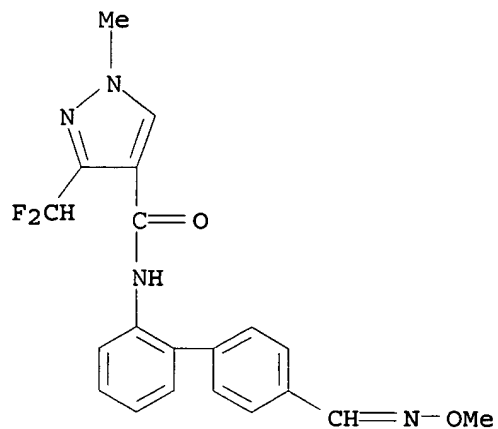
RN 393820-49-0 CAPLUS

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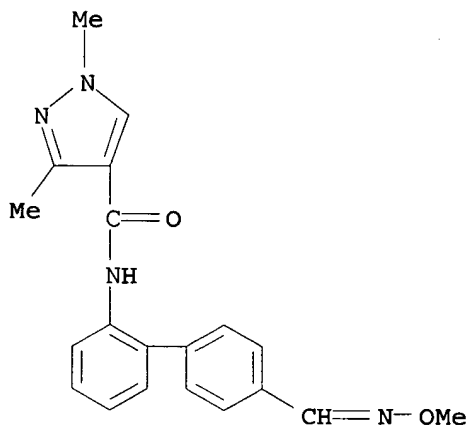


RN 393820-52-5 CAPLUS

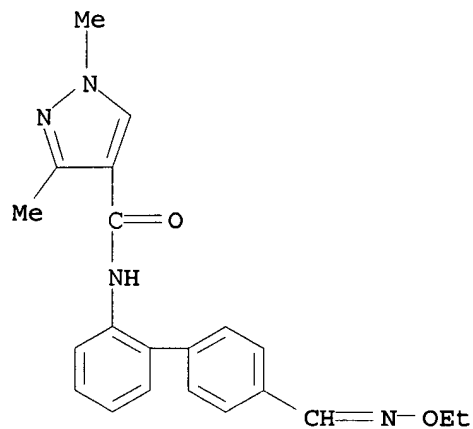
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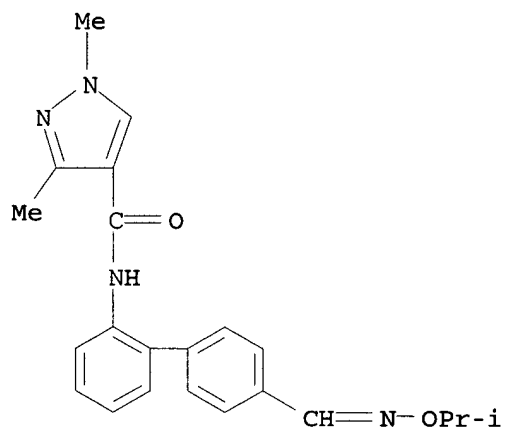
RN 393820-54-7 CAPLUS
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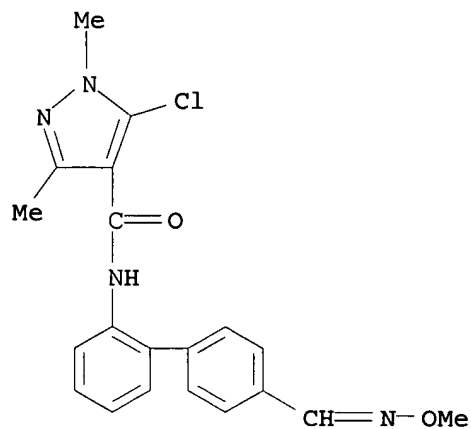
RN 393820-57-0 CAPLUS
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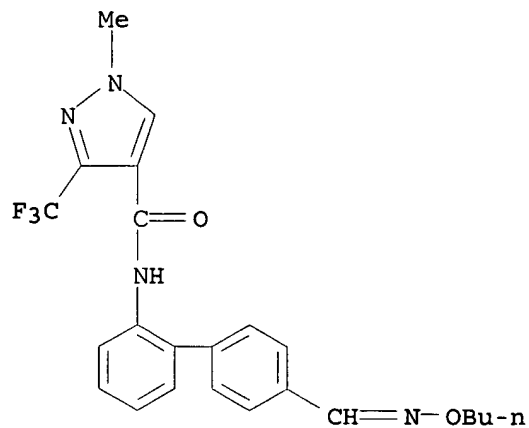


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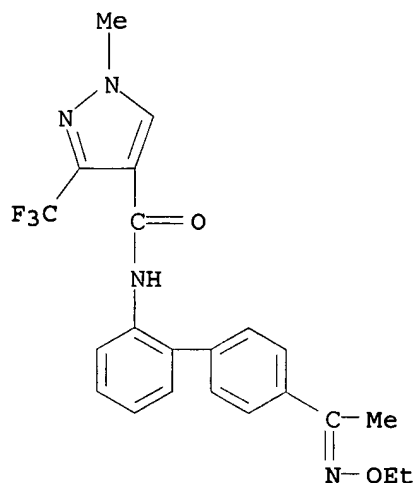
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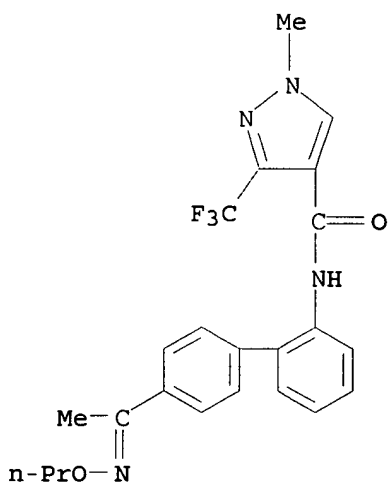
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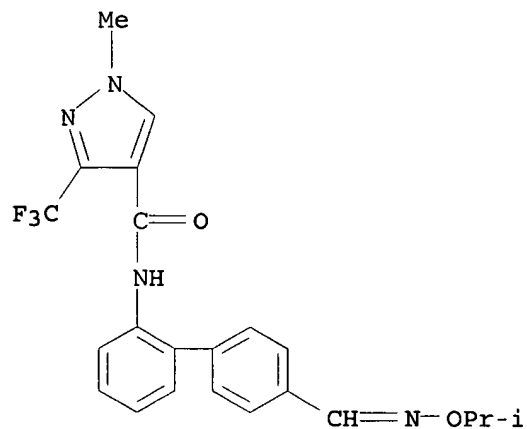
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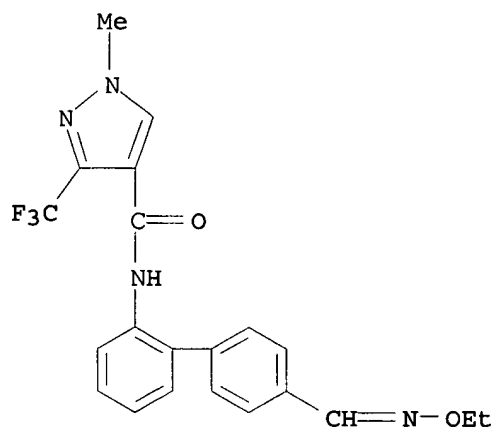


RN 393820-86-5 CAPLUS

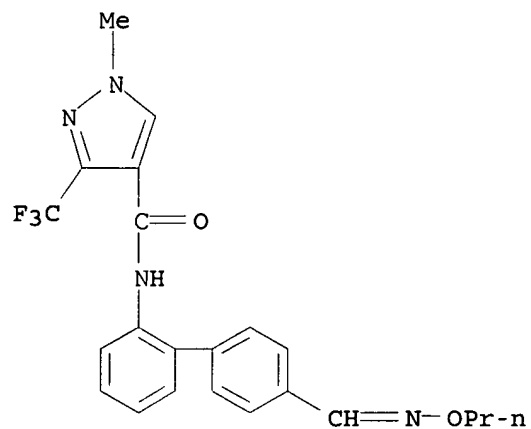
CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-[[(1-methylethoxy)imino]methyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 393820-89-8 CAPLUS
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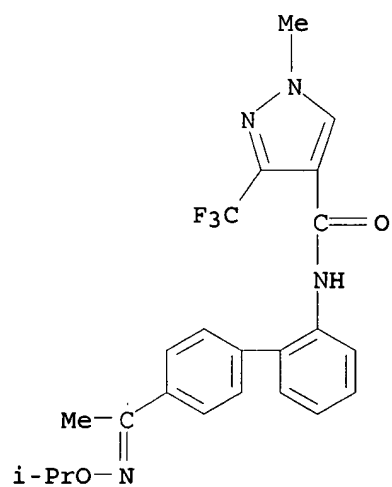


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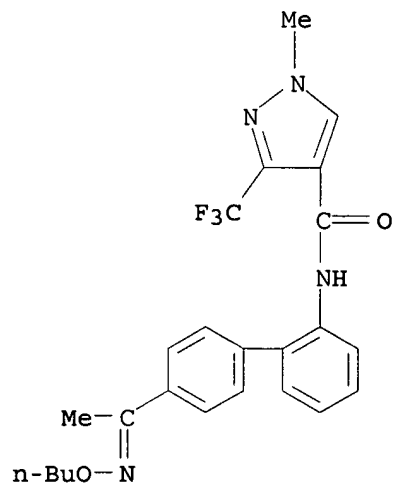
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CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-[1-[(1-methylethoxy)imino]ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI)
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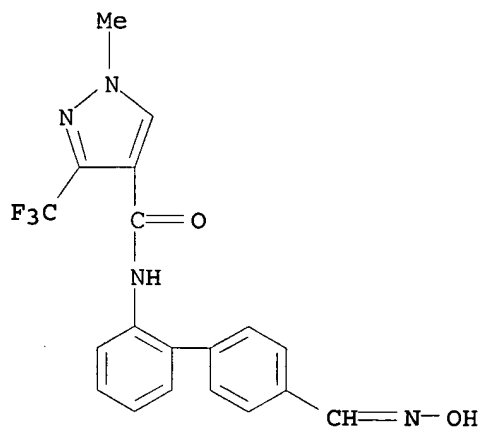
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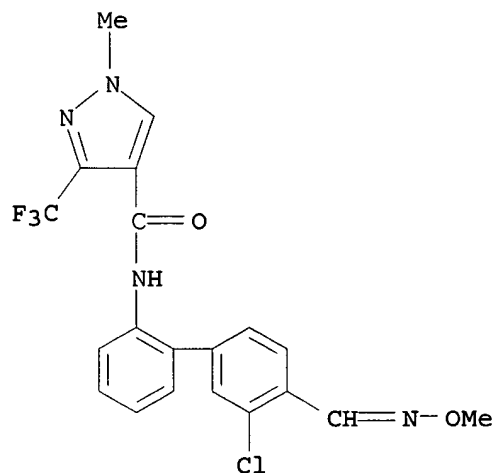
RN 393821-14-2 CAPLUS

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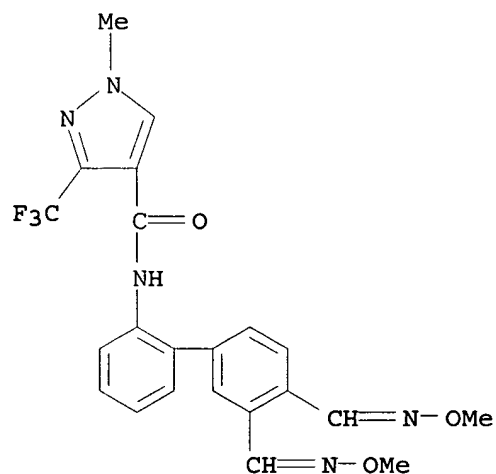
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CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



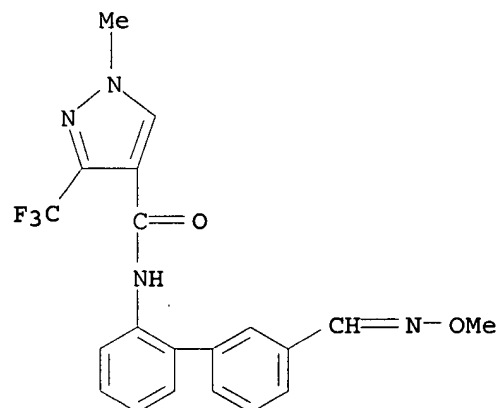
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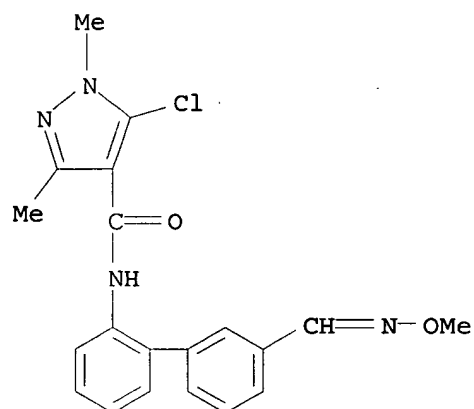
RN 393821-34-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



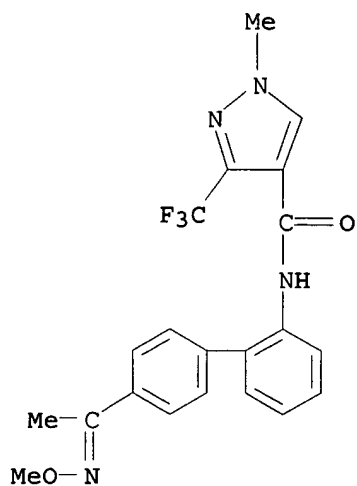
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CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[3'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



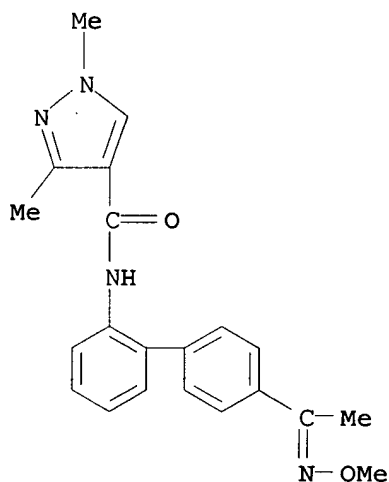
RN 393821-79-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-(methoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



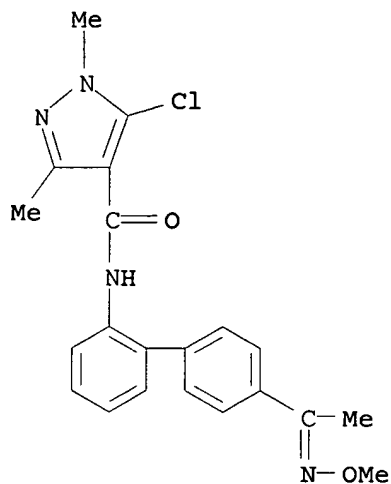
RN 393821-81-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-(methoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



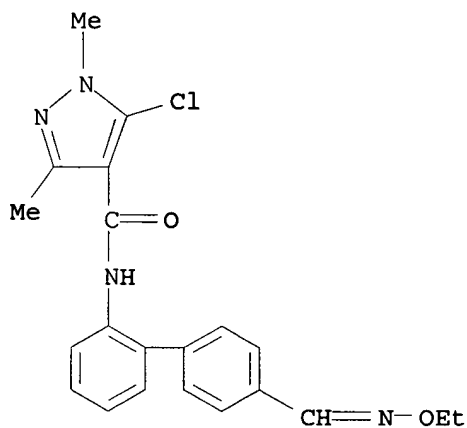
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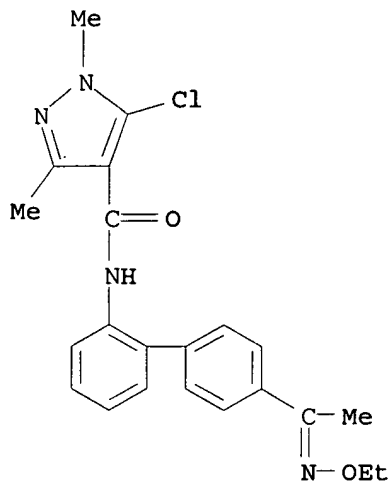
RN 393821-88-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[4'-[(ethoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



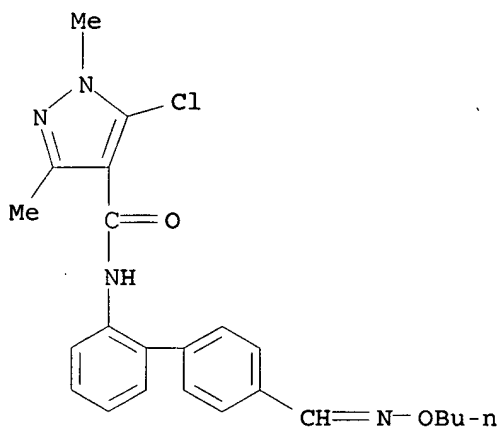
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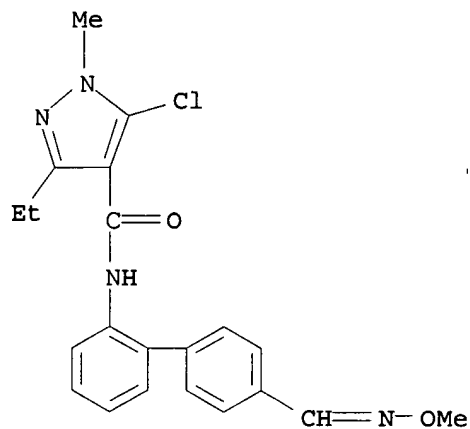
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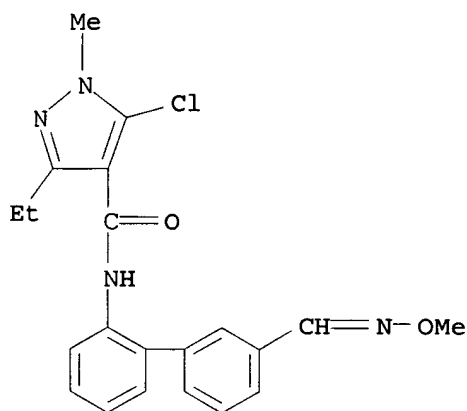


RN 393822-02-1 CAPLUS

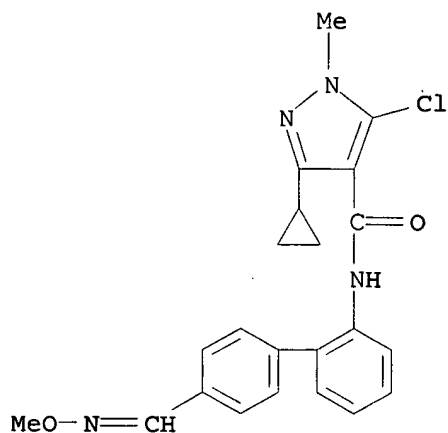
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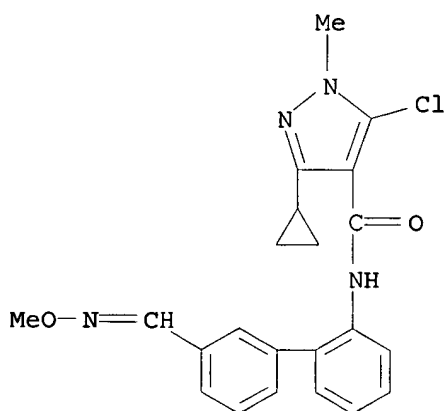
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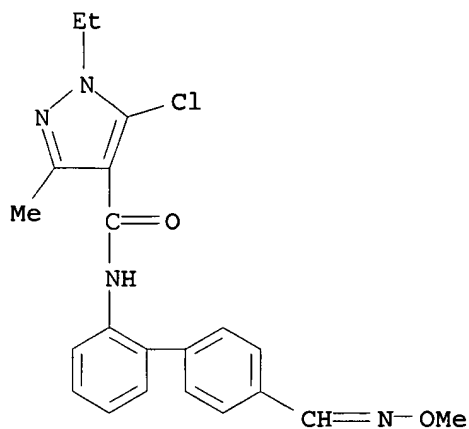
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 CN 1H-Pyrazole-4-carboxamide, 5-chloro-3-cyclopropyl-N-[4'-
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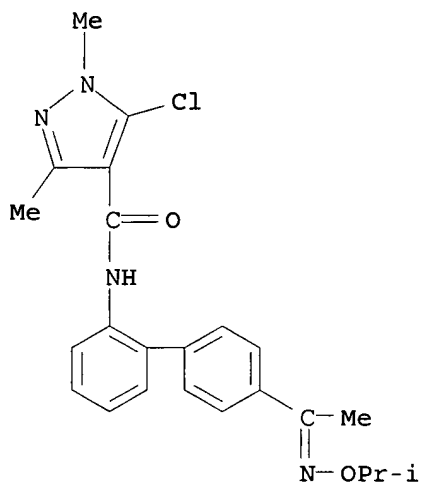
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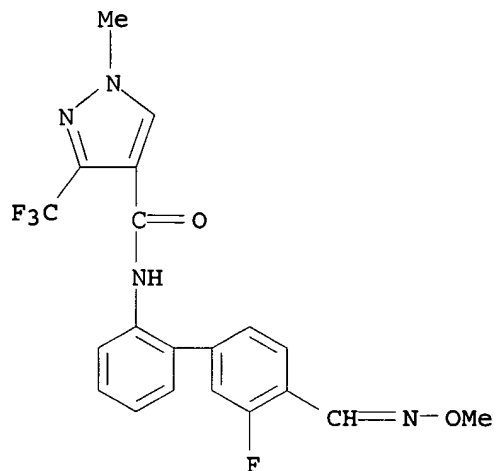
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RN 393822-25-8 CAPLUS
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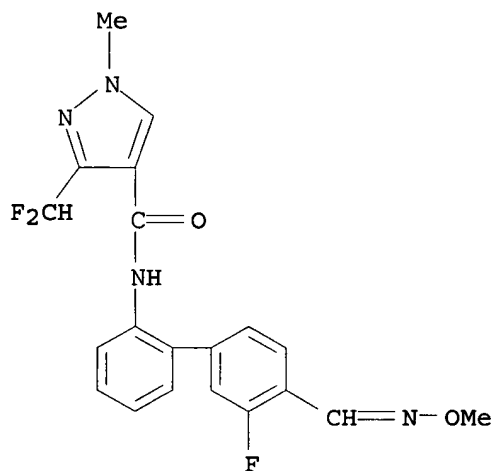


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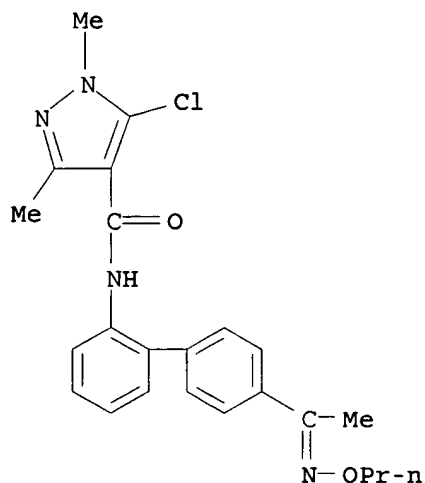
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-fluoro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

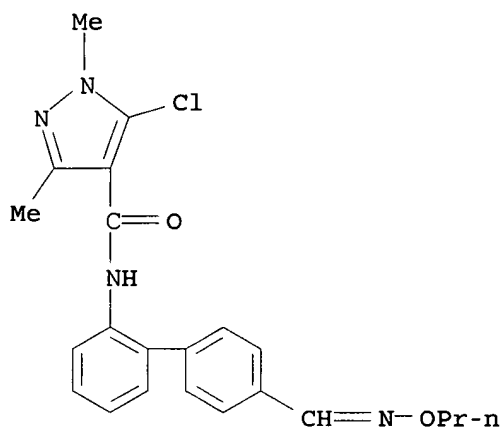


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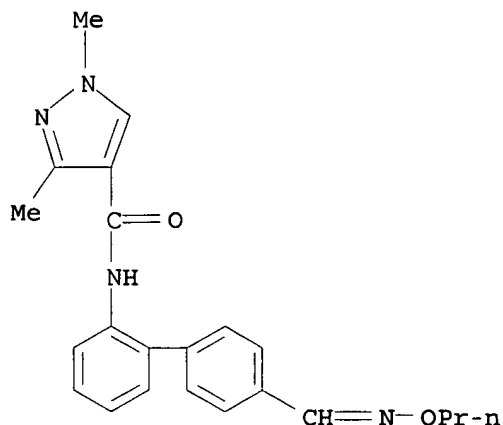
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RN 393822-48-5 CAPLUS
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RN 393822-52-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-[(propoxyimino)methyl][1,1'-
 biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:90015 CAPLUS

DOCUMENT NUMBER: 136:151162

TITLE: Preparation of N-biphenylpyrazolecarboxamides as bactericides

INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel, Ralf; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 112 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

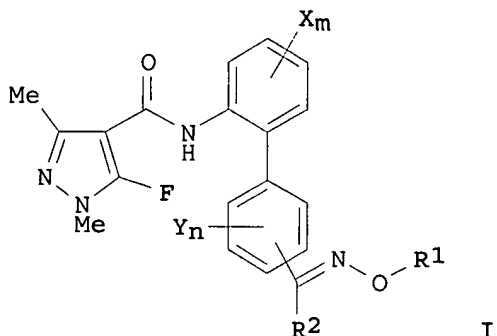
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PATENT INFORMATION:

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US 2004053971	A1	20040318	US 2003-333510	20030618
US 6992098	B2	20060131		
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PRIORITY APPLN. INFO.:			DE 2000-10035860	A 20000724

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 WO 2001-EP7990 W 20010711
 US 2003-333510 A3 20030618

OTHER SOURCE(S) : MARPAT 136:151162
 GI



AB Title compds. [I; R¹ = H, (halo)alkyl, PhCH₂, pyridylmethyl; R² = H, alkyl; X = halo, NO₂, cyano, OH, CO₂H, alkenyloxy, alkynyloxy, alkoxy, alkylthio; m = 0-3; Y = halo, NO₂, cyano, OH, CO₂H, alkenyloxy, alkynyloxy, alkoxy, alkylthio; n = 0-4] were prepared. Thus, a mixture of N-[2-(4-acetylphenyl)phenyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide, O-methylhydroxylamine hydrochloride, and AcONa in MeOH was stirred for 12 h at room temperature to give 85.4%

N-(2-[4-(1-methoxyimidoethyl)phenyl]phenyl)-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide. Several I at 100 ppm gave 94-100% control of *Podosphaera leucotricha* on apple.

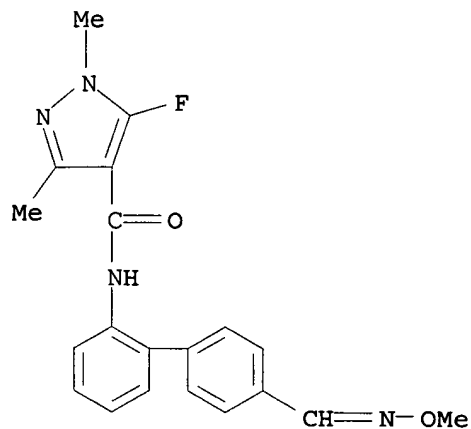
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-biphenylpyrazolecarboxamides as bactericides)

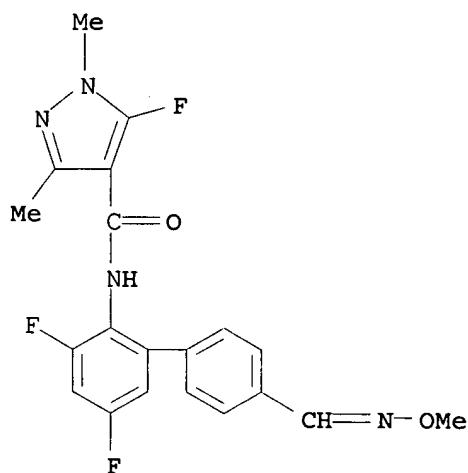
RN 393877-01-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



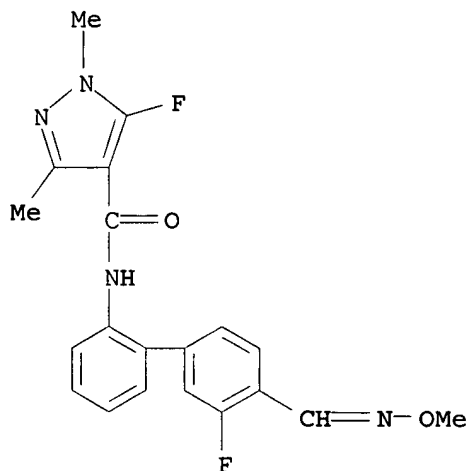
RN 393877-02-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



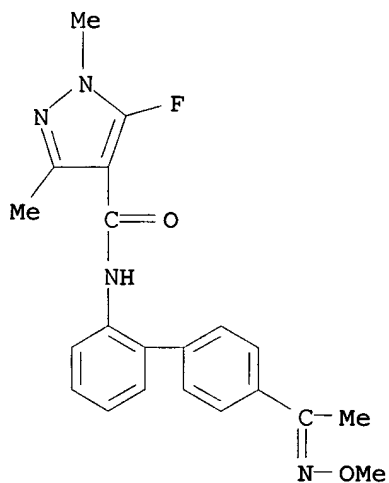
RN 393877-04-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-fluoro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



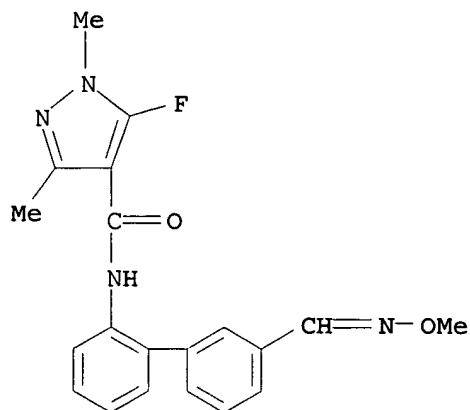
RN 393877-07-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[1-(methoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



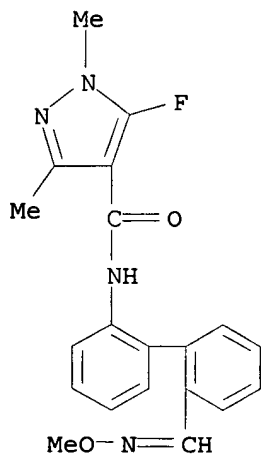
RN 393877-10-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



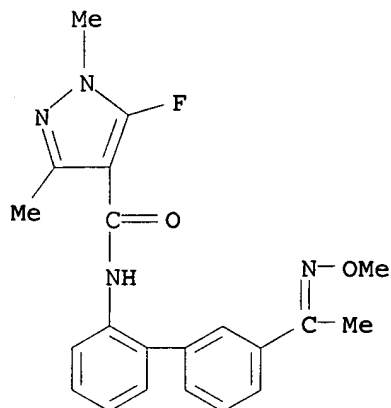
RN 393877-11-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[2'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)

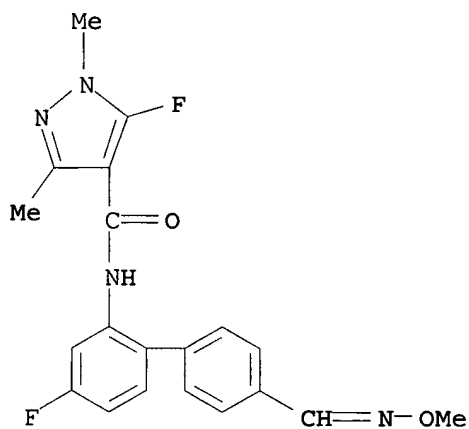


RN 393877-12-8 CAPLUS

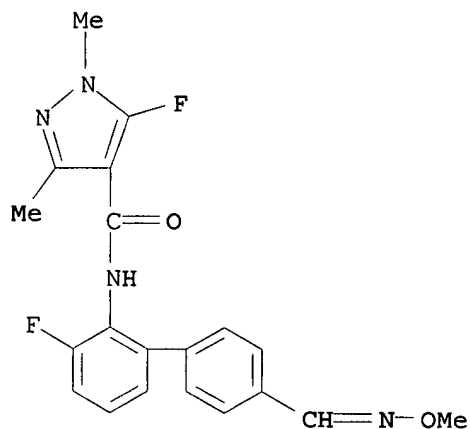
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-[1-(methoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 393877-13-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4-fluoro-4'-
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 NAME)

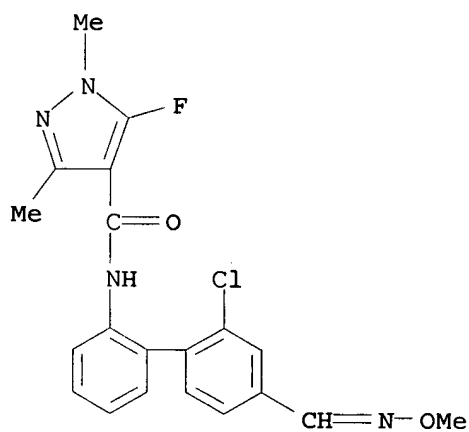


RN 393877-14-0 CAPLUS
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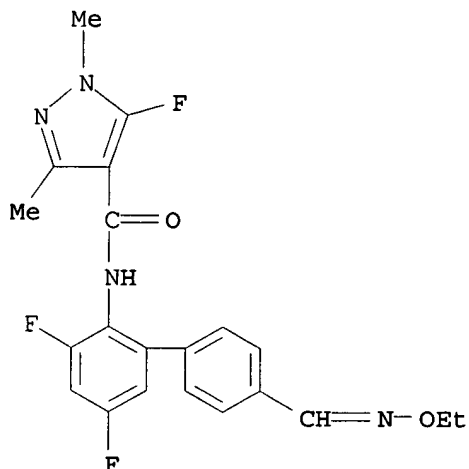
RN 393877-15-1 CAPLUS

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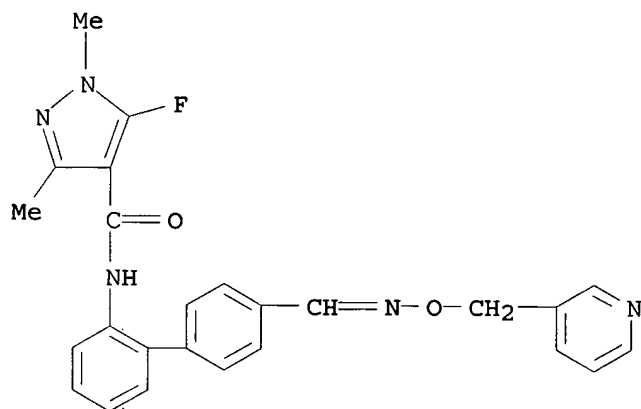
RN 393877-16-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[(ethoxyimino)methyl]-3,5-difluorophenyl]-3,5-difluoro[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



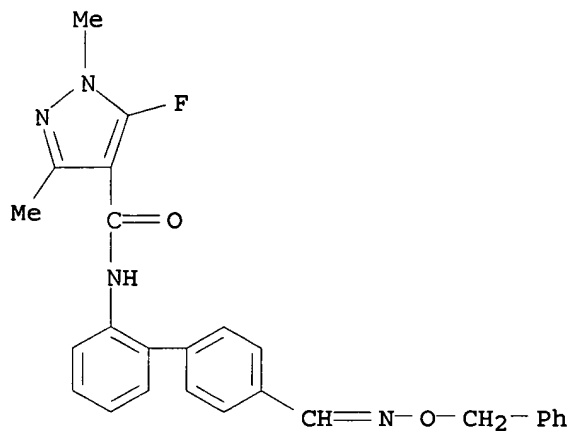
RN 393877-17-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[[3-pyridinylmethoxy]imino]methyl] [1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



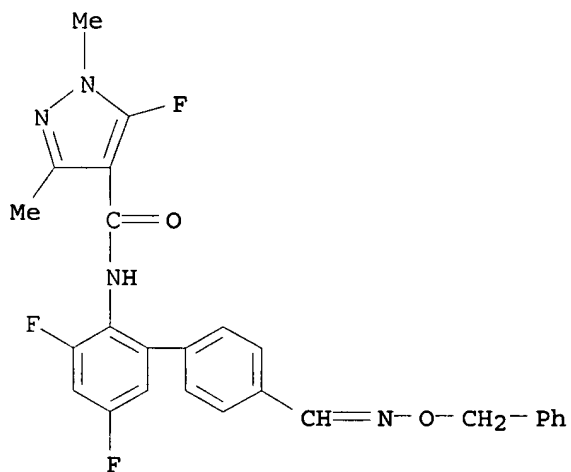
RN 393877-18-4 CAPLUS

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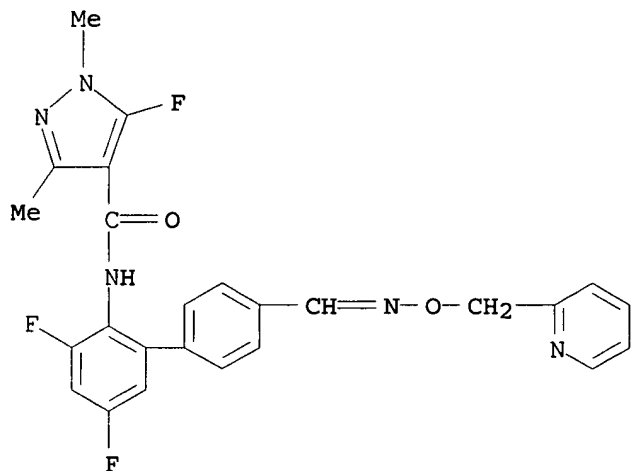
RN 393877-19-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-
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(9CI) (CA INDEX NAME)



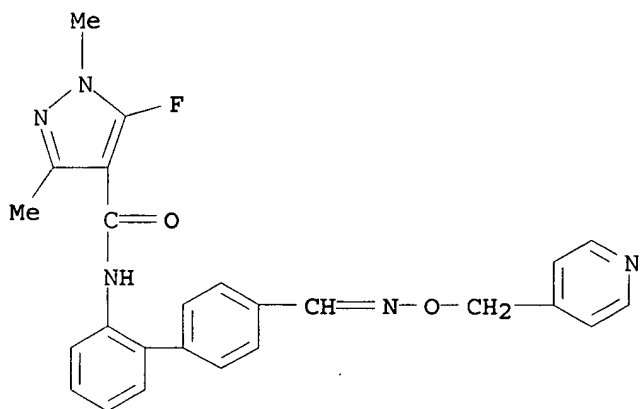
RN 393877-20-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-
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(9CI) (CA INDEX NAME)



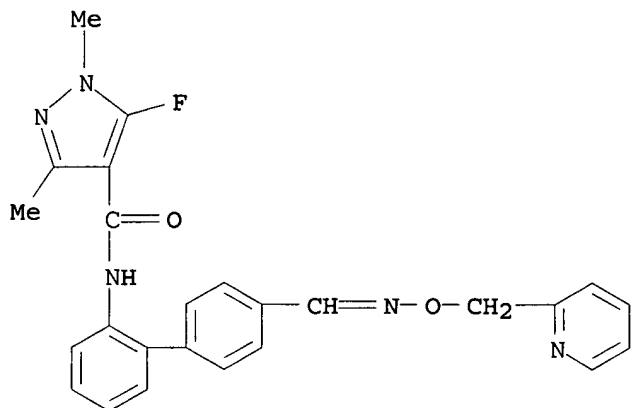
RN 393877-21-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[[4-(pyridinylmethoxy)imino]methyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



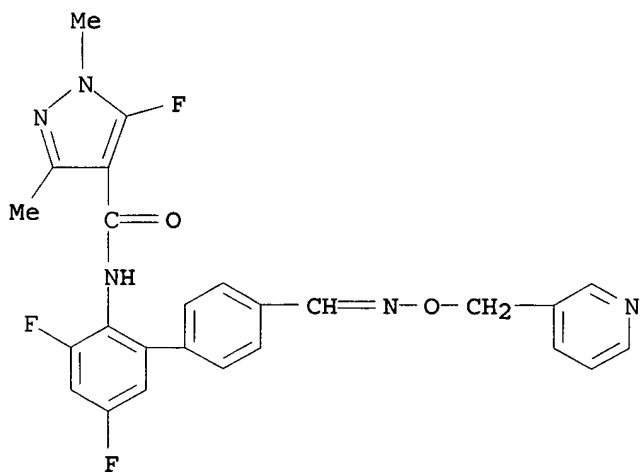
RN 393877-22-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[[2-(pyridinylmethoxy)imino]methyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



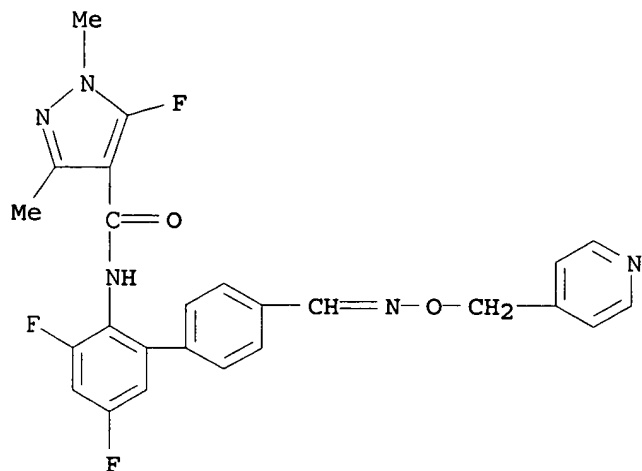
RN 393877-23-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-[[[(3-methyl-5-fluoro-1,3-dimethyl-1H-pyrazol-4-yl)imino]methyl] [1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl-9CI) (CA INDEX NAME)



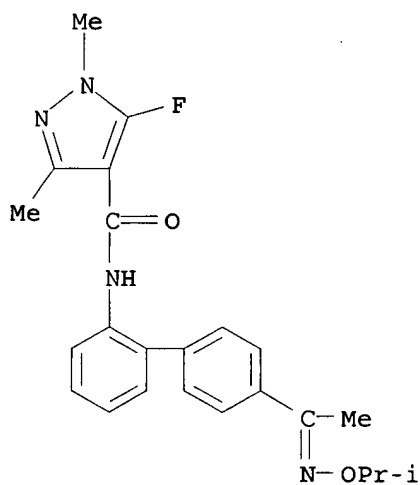
RN 393877-24-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-[[[(4-pyridinylmethoxy)imino]methyl] [1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl-9CI) (CA INDEX NAME)



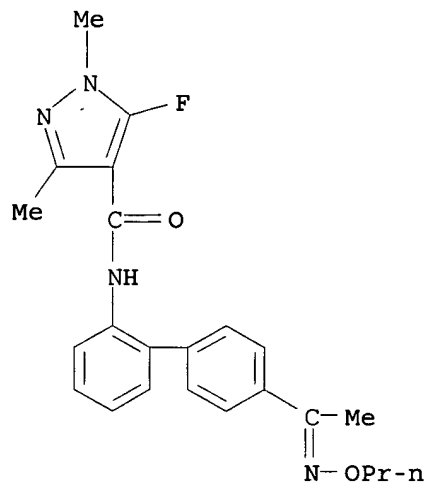
RN 393877-25-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[1-[(1-methylethoxy)imino]ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



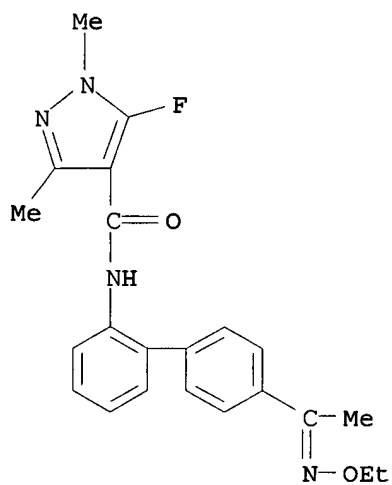
RN 393877-26-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[1-(1-propoxyimino)ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



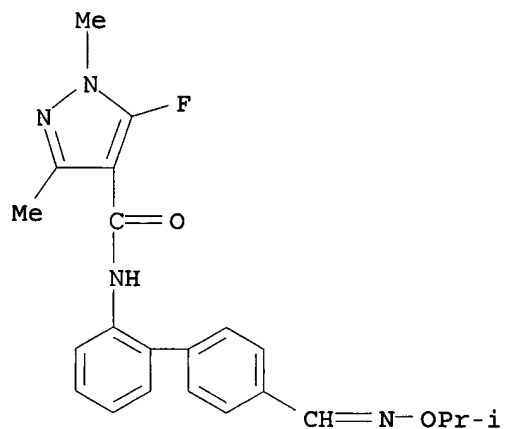
RN 393877-27-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-(ethoxyimino)ethyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



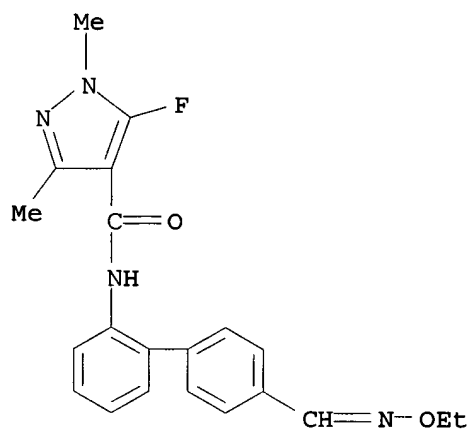
RN 393877-28-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[[(1-methylethoxy)imino]methyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



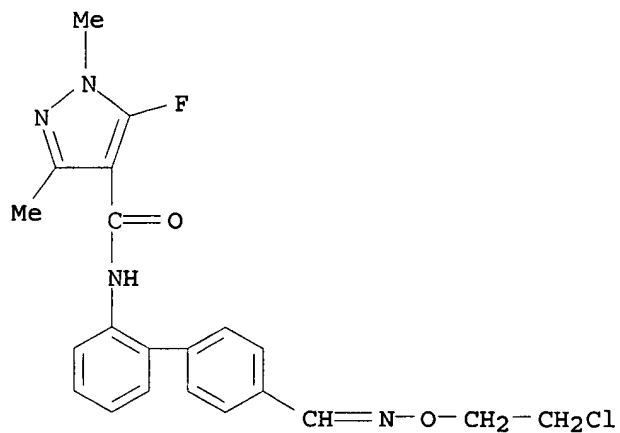
RN 393877-29-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[(ethoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



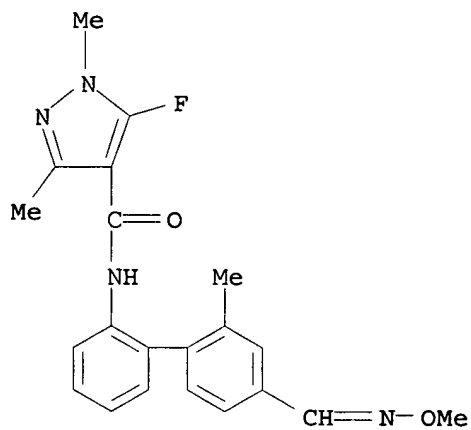
RN 393877-30-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[[2-chloroethoxyimino]methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



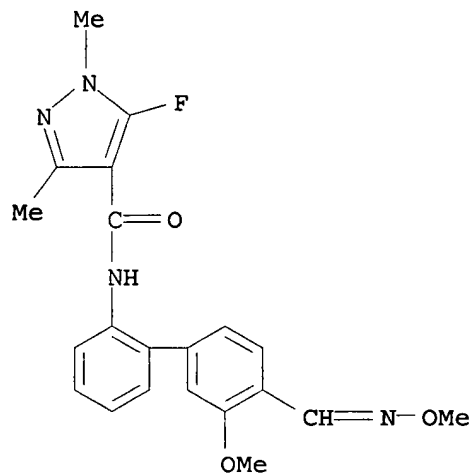
RN 393877-31-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[(methoxyimino)methyl]-2'-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



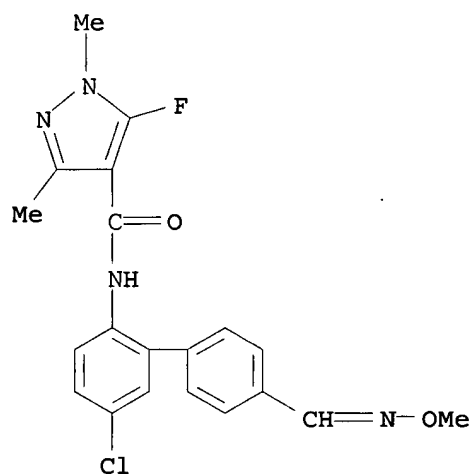
RN 393877-32-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-methoxy-4'-[(methoxyimino)methyl]-1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



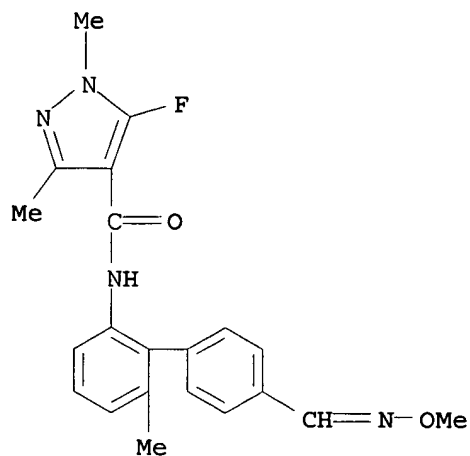
RN 393877-33-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[5-chloro-4'-[(methoxyimino)methyl] [1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



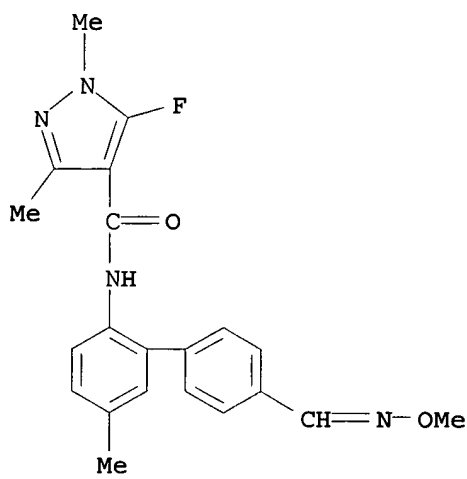
RN 393877-34-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[(methoxyimino)methyl]-6-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



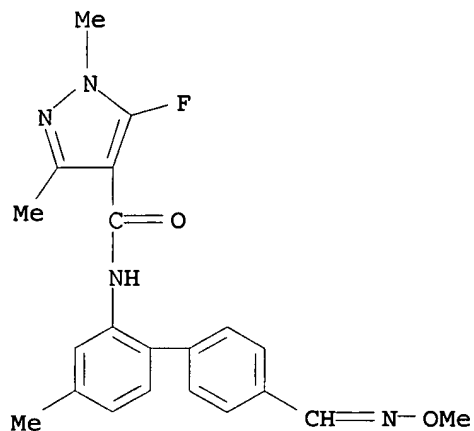
RN 393877-35-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[(methoxyimino)methyl]-5-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



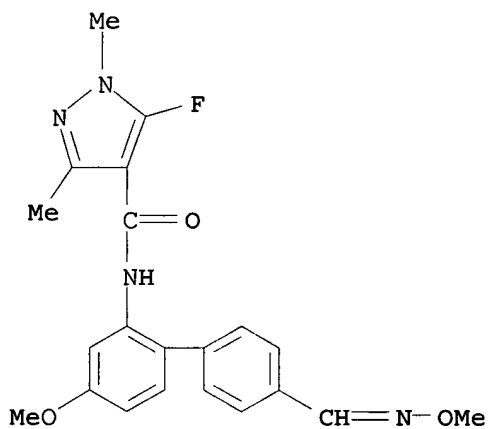
RN 393877-36-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[(methoxyimino)methyl]-4-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



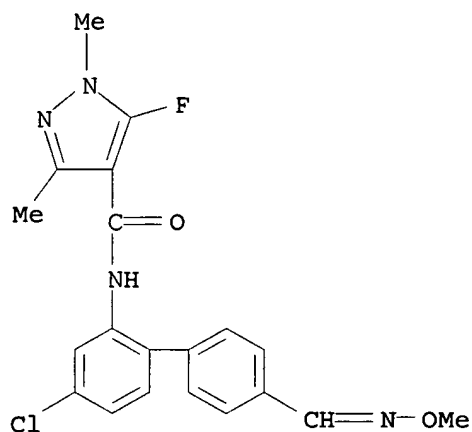
RN 393877-37-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4-methoxy-4'-(methoxyimino)methyl] [1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



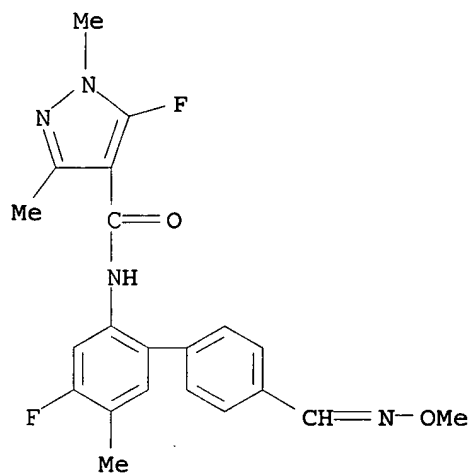
RN 393877-38-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4-chloro-4'-(methoxyimino)methyl] [1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



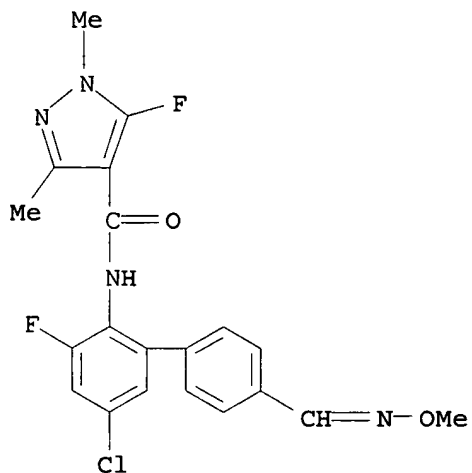
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CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4-fluoro-4'-[(methoxyimino)methyl]-5-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



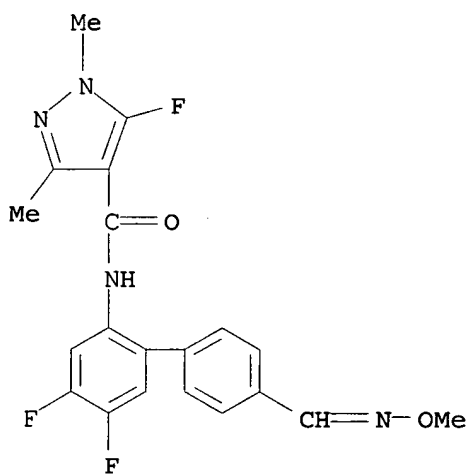
RN 393877-40-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[5-chloro-3-fluoro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



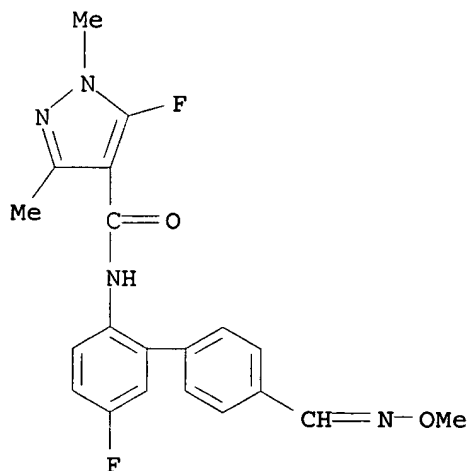
RN 393877-41-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4,5-difluoro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



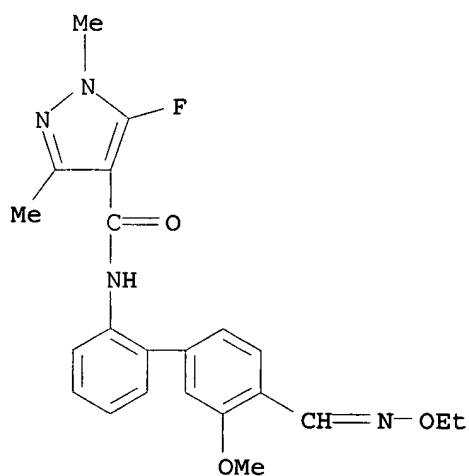
RN 393877-42-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[5-fluoro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



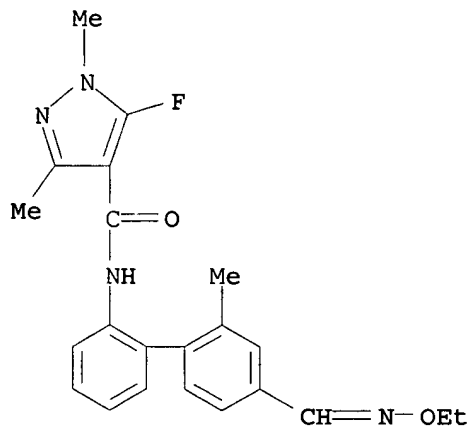
RN 393877-43-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-[(ethoxyimino)methyl]-3'-methoxy[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

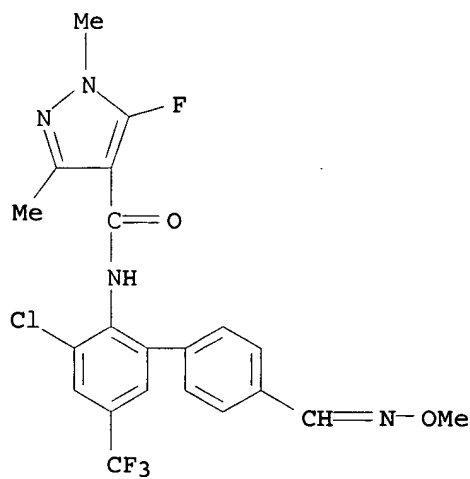


RN 393877-44-6 CAPLUS

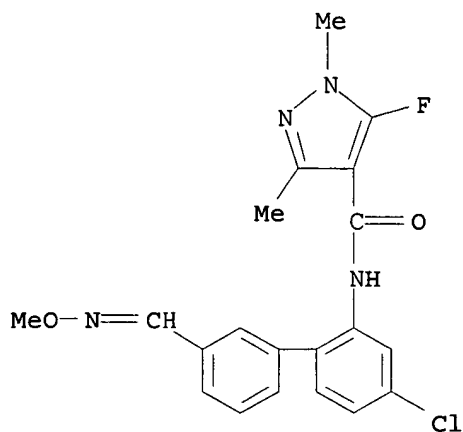
CN 1H-Pyrazole-4-carboxamide, N-[4'-[(ethoxyimino)methyl]-2'-methyl[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



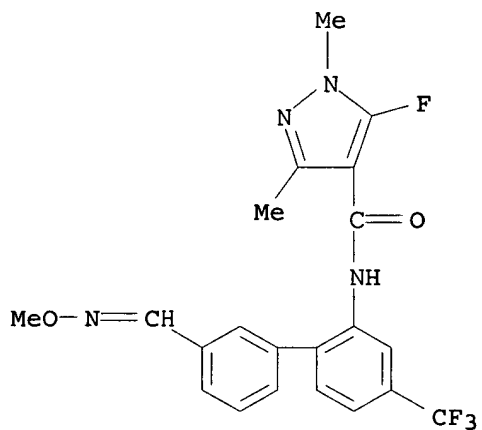
RN 393877-45-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[3-chloro-4'-[(methoxyimino)methyl]-5-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



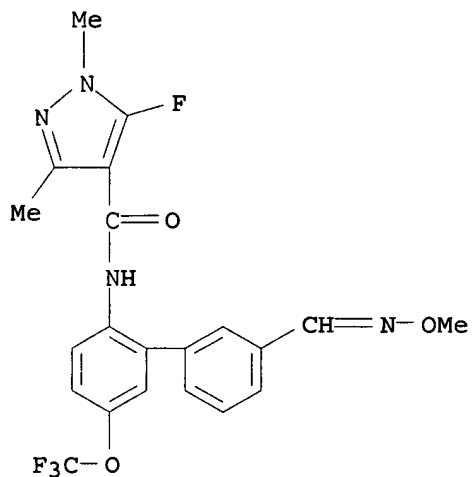
RN 393877-46-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4-chloro-3'-[(methoxyimino)methyl]-5-fluoro-1,3-dimethyl-1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 393877-47-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-[(methoxyimino)methyl]-4-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)

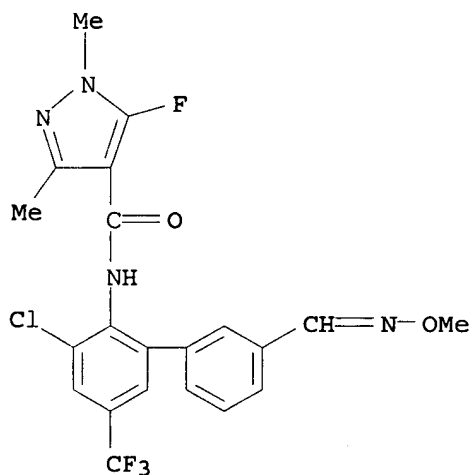


RN 393877-48-0 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-[(methoxyimino)methyl]-5-(trifluoromethoxy)[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



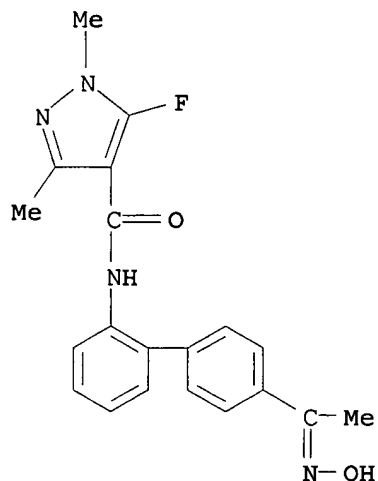
RN 393877-49-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3-chloro-3'-[(methoxyimino)methyl]-5-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



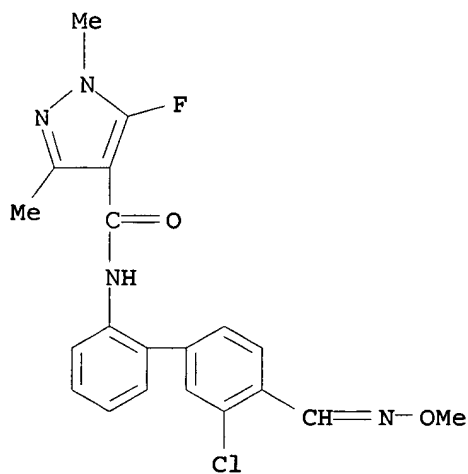
RN 393877-50-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[1-(hydroxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



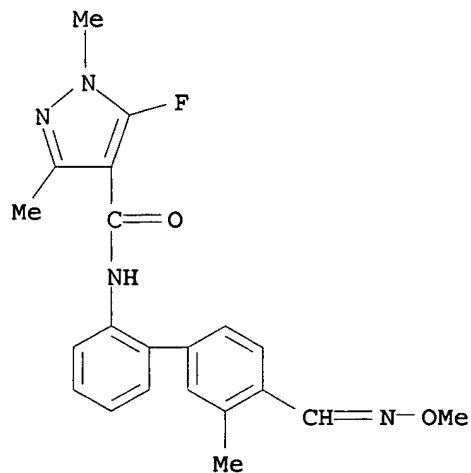
RN 393877-51-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



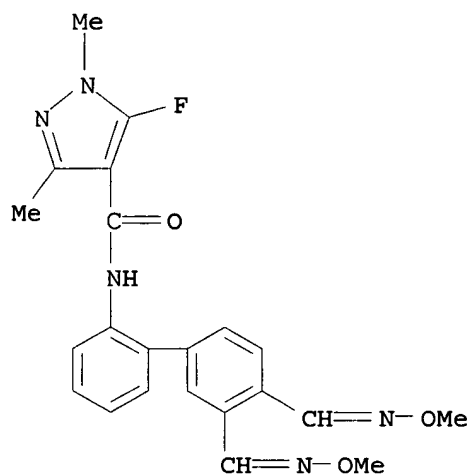
RN 393877-52-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[(methoxyimino)methyl]-3'-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



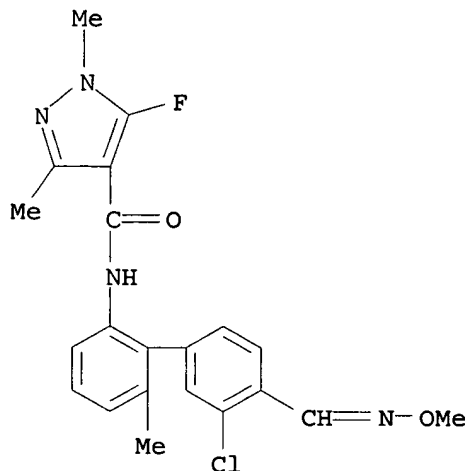
RN 393877-53-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3',4'-bis[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



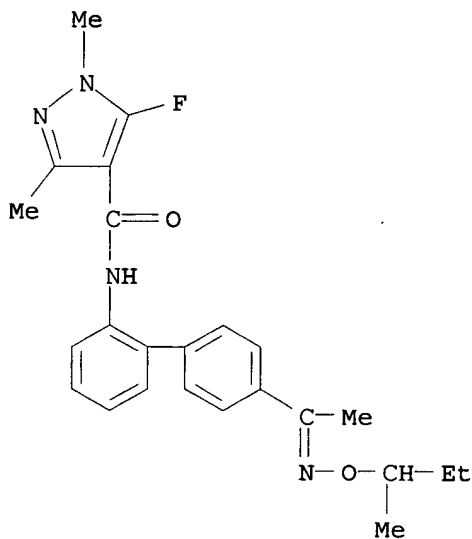
RN 393877-54-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-[(methoxyimino)methyl]-6-methyl[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



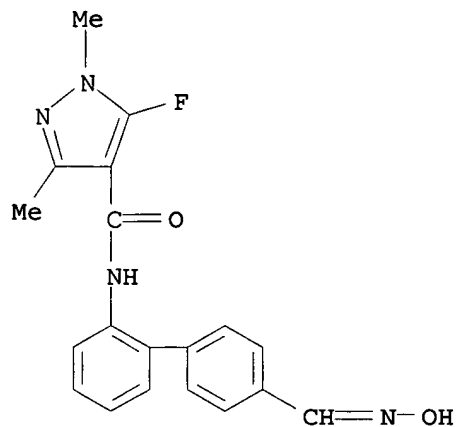
RN 393877-55-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-[1-[(1-methylpropoxy)imino]ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)

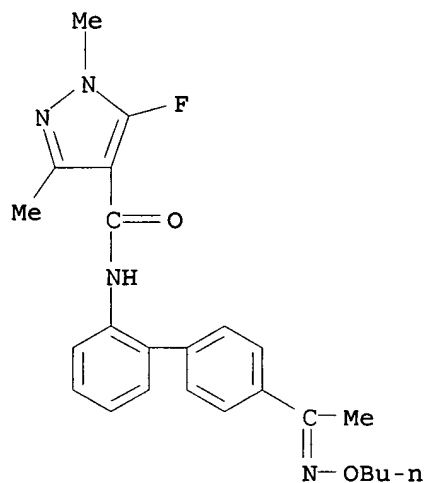


RN 393877-56-0 CAPLUS

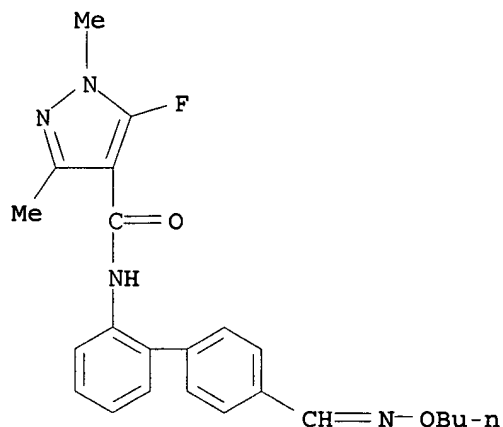
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-[(hydroxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



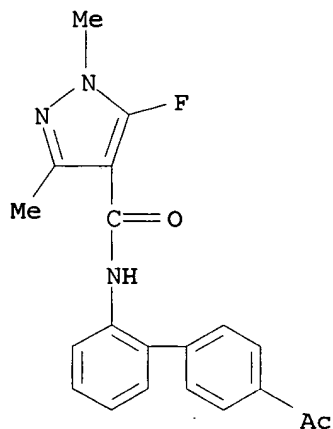
RN 393877-57-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-[1-(butoxyimino)ethyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 393877-58-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-[(butoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



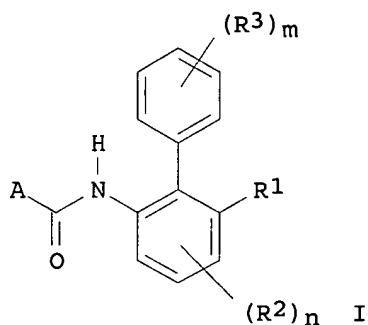
IT 393877-08-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of N-biphenylpyrazolecarboxamides as bactericides)
 RN 393877-08-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(4'-acetyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:793427 CAPLUS
 DOCUMENT NUMBER: 135:331421
 TITLE: Preparation of biphenyl moiety-containing heterocyclic compounds as agrochemical fungicides
 INVENTOR(S): Sakaguchi, Hiroshi
 PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001302605	A2	20011031	JP 2000-119399	20000420
PRIORITY APPLN. INFO.:			JP 2000-119399	20000420
OTHER SOURCE(S):	MARPAT	135:331421		
GI				

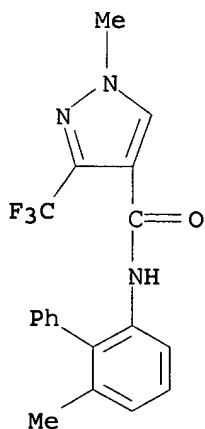


AB The title compds. I [R1 = alkyl, etc.; n = 0 - 3; R2 = F; m = 0 - 5; R3 = halo, alkyl, etc.; A = pyrazole moiety (generic structure given), etc.] are prepared N-(4'-Chloro-6-methylbiphenyl-2-yl)-1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxamide at 200 ppm gave complete control of *Sphaerotheca fuliginea* on cucumber.

IT 370070-20-5P 370070-21-6P 370070-22-7P
 370070-23-8P 370070-24-9P 370070-25-0P
 370070-26-1P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of biphenyl moiety-containing heterocyclic compds. as agrochem. fungicides)

RN 370070-20-5 CAPLUS

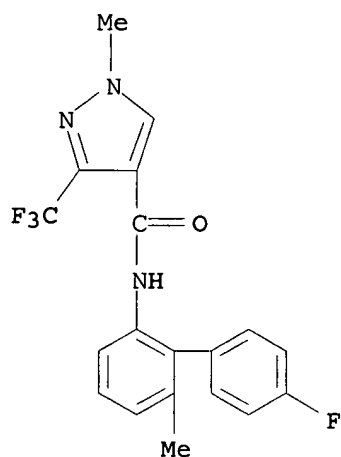
CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-(6-methyl[1,1'-biphenyl]-2-yl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 370070-21-6 CAPLUS

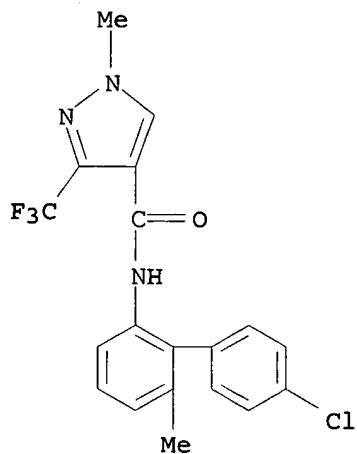
CN 1H-Pyrazole-4-carboxamide, N-(4'-fluoro-6-methyl[1,1'-biphenyl]-2-yl)-1-

methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



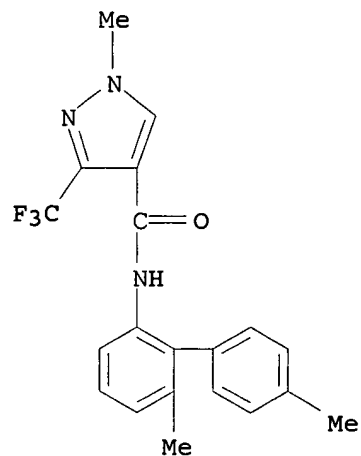
RN 370070-22-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-6-methyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



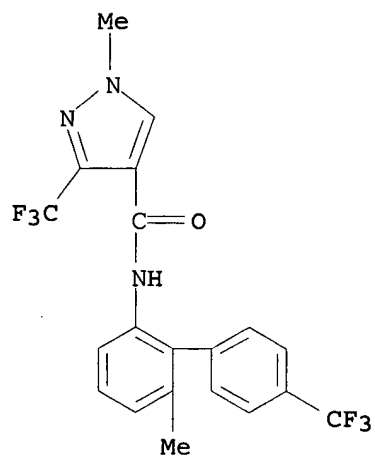
RN 370070-23-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4',6-dimethyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



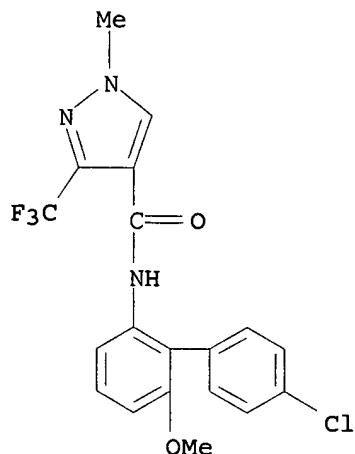
RN 370070-24-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[6-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

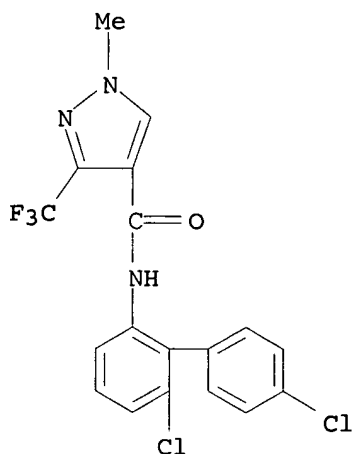


RN 370070-25-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-6-methoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 370070-26-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(4',6-dichloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 24 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:435054 CAPLUS
 DOCUMENT NUMBER: 135:46177
 TITLE: Pyrazolecarboxamides and pyrazolethioamides as agricultural fungicides
 INVENTOR(S): Walter, Harald
 PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
 SOURCE: PCT Int. Appl., 27 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001042223	A1	20010614	WO 2000-EP11195	20001111

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2382921	AA	20010614	CA 2000-2382921	20001111
BR 2000016203	A	20020813	BR 2000-16203	20001111
EP 1235811	A1	20020904	EP 2000-981252	20001111
EP 1235811	B1	20050601		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

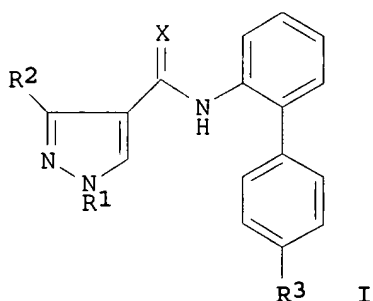
JP 2003516395	T2	20030513	JP 2001-543524	20001111
NZ 518051	A	20031128	NZ 2000-518051	20001111
AU 771389	B2	20040318	AU 2001-18569	20001111
AT 296806	E	20050615	AT 2000-981252	20001111
RU 2259356	C2	20050827	RU 2002-118334	20001111
PT 1235811	T	20051031	PT 2000-981252	20001111
ES 2241676	T3	20051101	ES 2000-981252	20001111
ZA 2002004534	A	20030116	ZA 2002-4534	20020606

PRIORITY APPLN. INFO.:

		GB 1999-29163	A	19991209
		GB 1999-29563	A	19991214
		WO 2000-EP11195	W	20001111

OTHER SOURCE(S): MARPAT 135:46177

GI



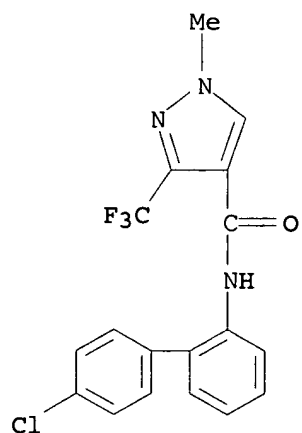
AB Pyrazolecarboxamides I [X = O, S; R1 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R2 = haloalkyl; R3 = halogen] were prepared for use in protecting plants against infestations by phytopathogenic microorganisms. Thus, I [X = O, R1 = Me, R2 = CF3, R3 = Cl, II] was prepared by amidation or by Suzuki coupling of the N-2-chlorophenylamide with 4-ClC6H4B(OH)2. II gave ≥95% control of Puccinia recondita on wheat at 0.02%.

IT 344429-50-1P 344429-52-3P 344429-54-5P
344429-56-7P 344429-75-0P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazolecarboxamides and pyrazolethioamides as agricultural fungicides)

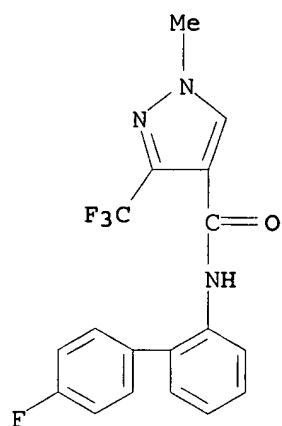
RN 344429-50-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



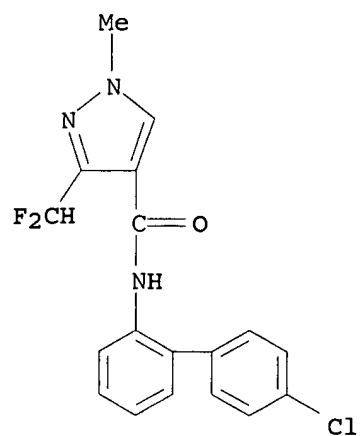
RN 344429-52-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

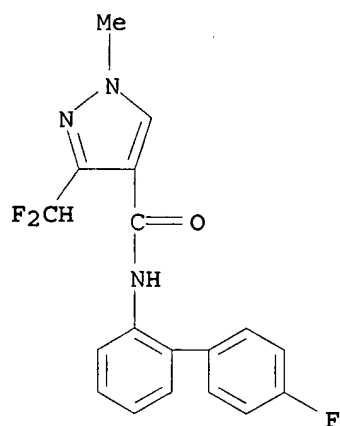


RN 344429-54-5 CAPLUS

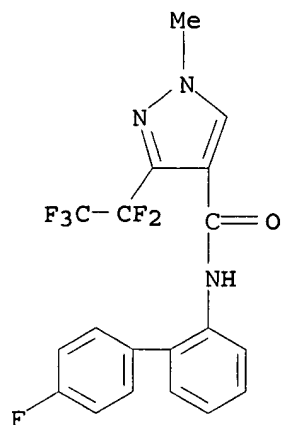
CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 344429-56-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-chloro[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



RN 344429-75-0 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(4'-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(pentafluoroethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:157897 CAPLUS

DOCUMENT NUMBER: 132:180571

TITLE: Pyrazolecarboxanilides

INVENTOR(S): Elbe, Hans-Ludwig; Mauler-Machnik, Astrid; Stenzel, Klaus; Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 16 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

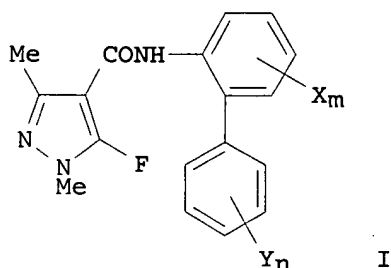
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19840322	A1	20000309	DE 1998-19840322	19980904
WO 2000014071	A2	20000316	WO 1999-EP6149	19990823
WO 2000014071	A3	20000713		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9959703	A1	20000327	AU 1999-59703	19990823
BR 9913383	A	20010522	BR 1999-13383	19990823
EP 1161420	A2	20011212	EP 1999-968665	19990823
EP 1161420	B1	20050511		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002524449	T2	20020806	JP 2000-568830	19990823
CN 1130348	B	20031210	CN 1999-810464	19990823
RU 2240314	C2	20041120	RU 2001-109236	19990823
AT 295353	E	20050515	AT 1999-968665	19990823
ES 2242449	T3	20051101	ES 1999-968665	19990823

ZA 2001001171	A	20020212	ZA 2001-1171	20010212
US 6369093	B1	20020409	US 2001-786211	20010301
HK 1045694	A1	20040910	HK 2002-107367	20021009
PRIORITY APPLN. INFO.:			DE 1998-19840322	A 19980904
			WO 1999-EP6149	W 19990823

OTHER SOURCE(S): MARPAT 132:180571
GI

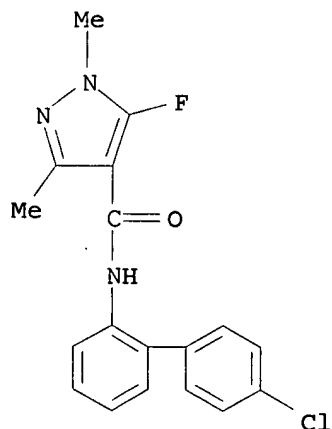


AB Pyrazolecarboxanilides I (X, Y = halo, NO₂, CN, OH, CO₂H, alkyl, alkoxy, haloalkoxy, alkenyloxy, alkynyloxy, etc.; m, n = 0-3) were prepared as antimicrobial agents. Thus, reaction of 2.5 g 2-(4-bromophenyl)aniline with 1.8 g 5-fluoro-1,3-dimethylpyrazole-4-carbonyl chloride in the presence of 1.0 g Et₃N in 30 mL toluene at room temperature gave a 41.2% yield of I (X_m = H, Y_n = 4-Br). The products showed antifungal activity on apple and cucumber plants.

IT 220507-00-6P 259187-98-9P 259187-99-0P
 259188-00-6P 259188-01-7P 259188-03-9P
 259188-04-0P 259188-09-5P 259188-10-8P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (arylpyrazolecarboxanilides as agricultural fungicides)

RN 220507-00-6 CAPLUS

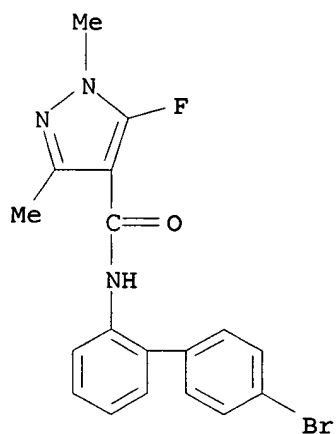
CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 259187-98-9 CAPLUS

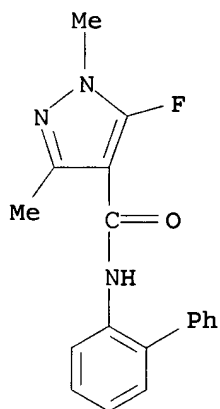
CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-

dimethyl- (9CI) (CA INDEX NAME)



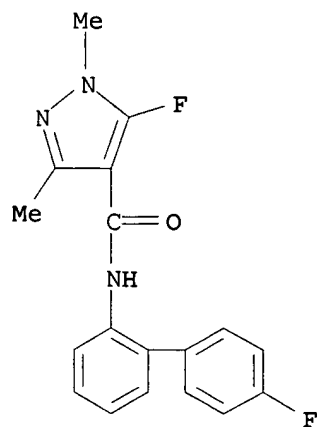
RN 259187-99-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[1,1'-biphenyl]-2-yl-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

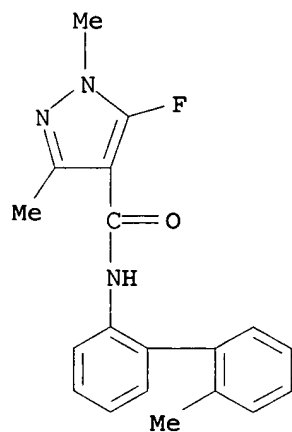


RN 259188-00-6 CAPLUS

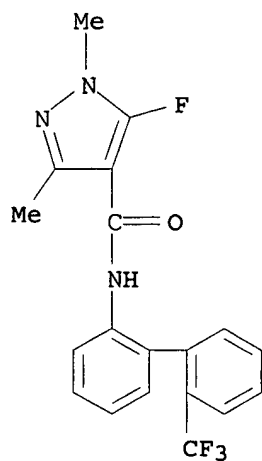
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(4'-fluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 259188-01-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(2'-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)

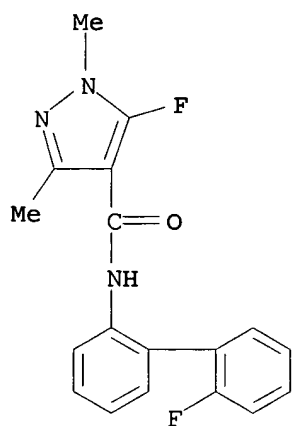


RN 259188-03-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



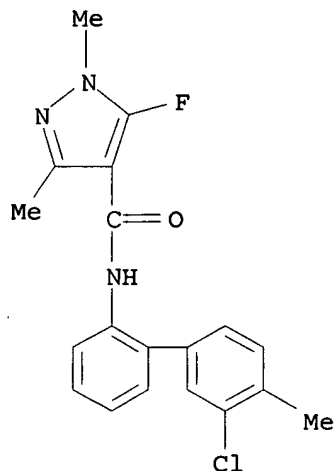
RN 259188-04-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(2'-fluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)

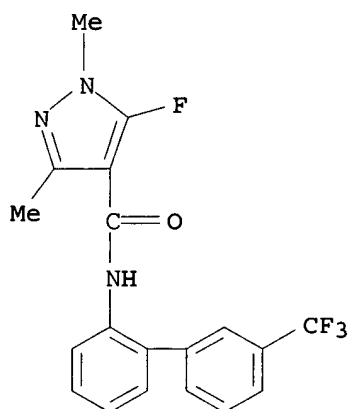


RN 259188-09-5 CAPLUS

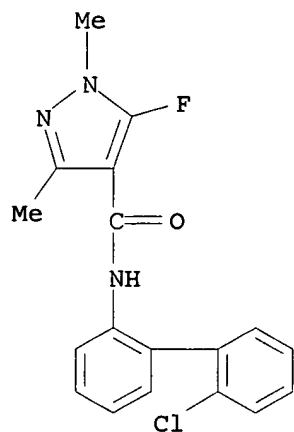
CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-methyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 259188-10-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[3'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)

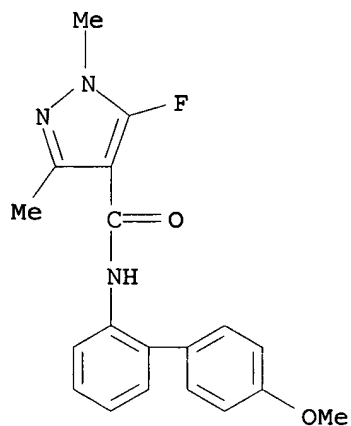


IT 259188-02-8P 259188-05-1P 259188-06-2P
 259188-07-3P 259188-08-4P 259188-11-9P
 259188-12-0P 259188-13-1P 259188-14-2P
 259188-15-3P 259188-16-4P 259188-17-5P
 259188-18-6P 259188-19-7P
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (arylpyrazolecarboxanilides as agricultural fungicides)
 RN 259188-02-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(2'-chloro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



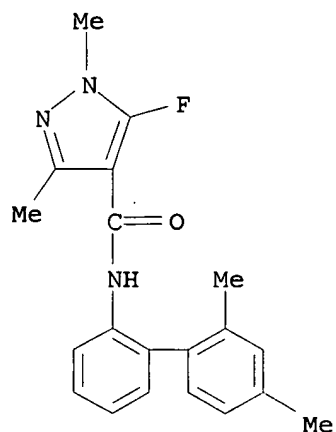
RN 259188-05-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(4'-methoxy[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



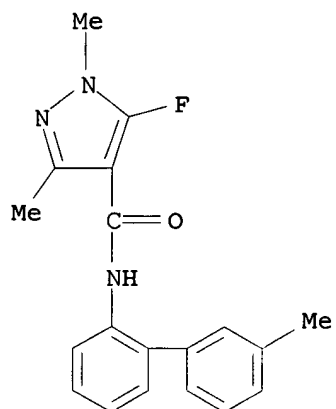
RN 259188-06-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',4'-dimethyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



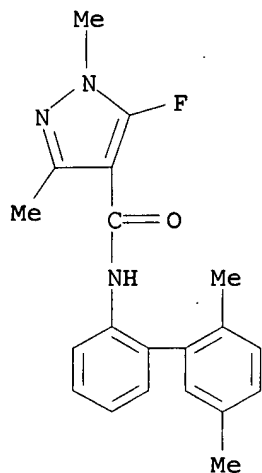
RN 259188-07-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(3'-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



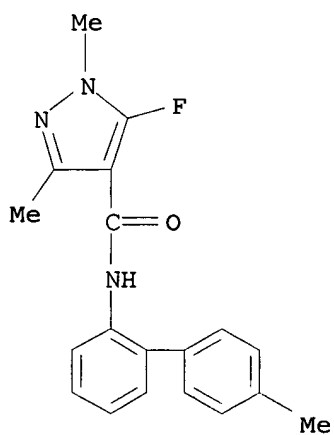
RN 259188-08-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',5'-dimethyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



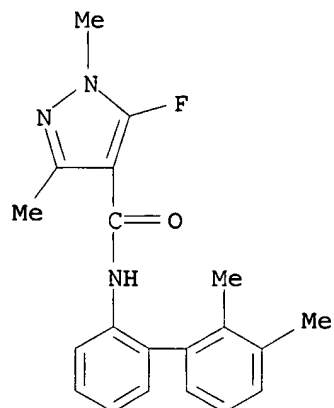
RN 259188-11-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(4'-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



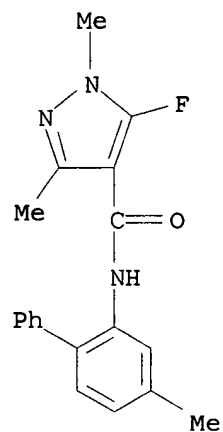
RN 259188-12-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',3'-dimethyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



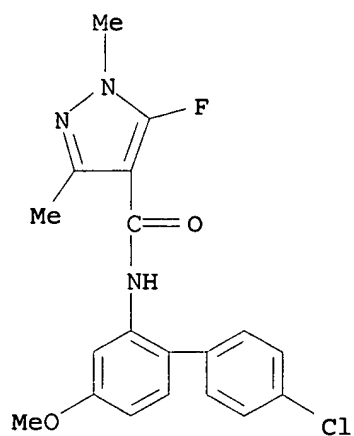
RN 259188-13-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(4-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



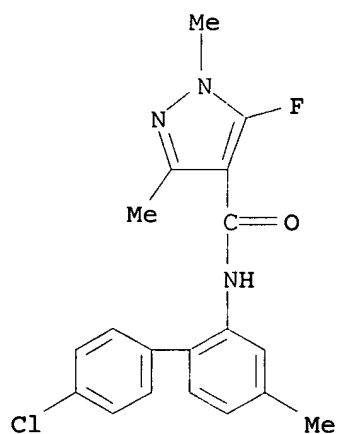
RN 259188-14-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-4-methoxy[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



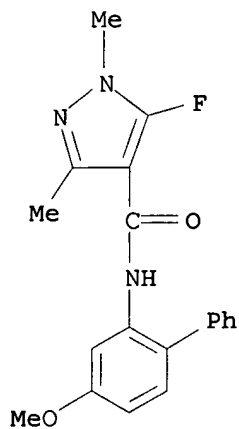
RN 259188-15-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-4-methyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



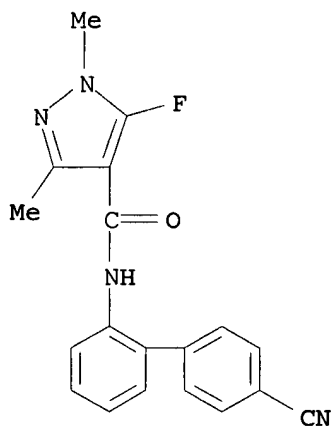
RN 259188-16-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(4-methoxy[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



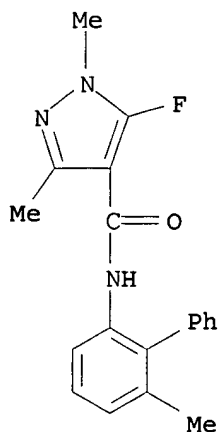
RN 259188-17-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-cyano[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

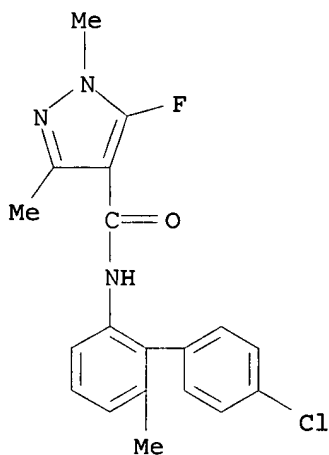


RN 259188-18-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(6-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



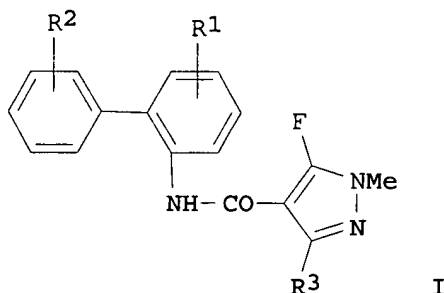
RN 259188-19-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-6-methyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:127111 CAPLUS
 DOCUMENT NUMBER: 130:182464
 TITLE: N-biphenylpyrazolecarboxamides as fungicides
 INVENTOR(S): Eicken, Karl; Rack, Michael; Wetterich, Frank;
 Ammermann, Eberhard; Lorenz, Gisela; Strathmann,
 Siegfried
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19735224	A1	19990218	DE 1997-19735224	19970815

CA 2301093	AA 19990225	CA 1998-2301093	19980725
WO 9909013	A1 19990225	WO 1998-EP4663	19980725
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, KG, MD, TJ, TM			
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
AU 9890690	A1 19990308	AU 1998-90690	19980725
AU 750273	B2 20020711		
EP 1003725	A1 20000531	EP 1998-942623	19980725
EP 1003725	B1 20041229		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI			
BR 9811168	A 20000725	BR 1998-11168	19980725
NZ 502658	A 20010831	NZ 1998-502658	19980725
JP 2001515068	T2 20010918	JP 2000-509696	19980725
CN 1127485	B 20031112	CN 1998-808180	19980725
RU 2225400	C2 20040310	RU 2000-106058	19980725
AT 286027	E 20050115	AT 1998-942623	19980725
PT 1003725	T 20050531	PT 1998-942623	19980725
ES 2236934	T3 20050716	ES 1998-942623	19980725
ZA 9807360	A 20000217	ZA 1998-7360	19980817
MX 200001332	A 20001108	MX 2000-1332	20000207
US 6147104	A 20001114	US 2000-485403	20000210
PRIORITY APPLN. INFO.:		DE 1997-19735224	A 19970815
		WO 1998-EP4663	W 19980725
OTHER SOURCE(S):	MARPAT 130:182464		
GI			

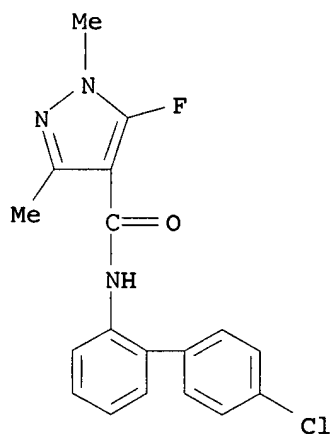


AB Title compds. I [R1 = H, F; R2 = H, halogen, alkyl, halomethyl, alkoxy, alkylthio; R3 = Me, CHF2, CF3] were prepared by amidation. Thus, the pyrazolecarbonyl chloride was amidated with 2-H2NC6H4C6H4Cl-4 to give I [R1 = H, R2 = 4-Cl, R3 = Me] which had antifungal activity against *Erysiphe graminis* at 250 ppm.

IT 220507-00-6P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of N-biphenylpyrazolecarboxamides as fungicides)

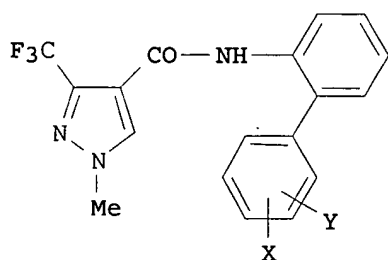
RN 220507-00-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1997:356557 CAPLUS
 DOCUMENT NUMBER: 127:5086
 TITLE: Preparation of pyrazolecarboxyanilide derivatives as agrochemical fungicides
 INVENTOR(S): Yoshikawa, Yukihiro; Tomitani, Kanji; Katsuta, Hiroshi; Kawashima, Hideo; Yanase, Yuji; Kishi, Atsuo; Inami, Shunichi
 PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09132567	A2	19970520	JP 1995-290158	19951108
PRIORITY APPLN. INFO.:			JP 1995-290158	19951108
OTHER SOURCE(S):	MARPAT 127:5086			
GI				



I

AB The title compds. (I; X = halo; Y = 3- or 4-CF₃) are prepared as agrochem. fungicides. Thus, 2-(4-chloro-3-trifluoromethylphenyl)aniline (preparation given) was reacted with 3-trifluoromethyl-1-methylpyrazole-4-carboxylic chloride in the presence of pyridine to give 56% I (X = 4-Cl, Y = 3-CF₃) (II). II at 200 ppm showed 100% fungicidal effect for *Puccinia recondita*,

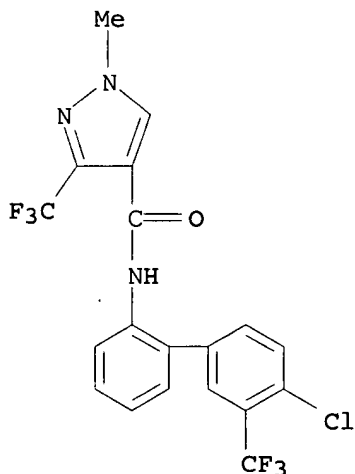
Erysiphe graminis, and Botrytis cinerea.

IT 189575-65-3P 189575-66-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pyrazolecarboxyanilide derivs. as agrochem. fungicides)

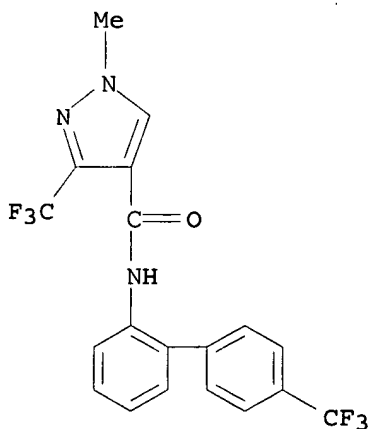
RN 189575-65-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-chloro-3'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 189575-66-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



L4 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:280947 CAPLUS

DOCUMENT NUMBER: 126:264007

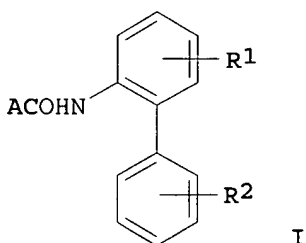
TITLE: Preparation of heteroaroyl biphenylylamides as agrochemical and industrial fungicides.

INVENTOR(S): Eicken, Karl; Rang, Harald; Harreus, Albrecht; Goetz, Norbert; Ammermann, Eberhard; Lorenz, Gisela;

10540036.trn

PATENT ASSIGNEE(S): Strathmann, Siegfried
 SOURCE: BASF A.-G., Germany
 Ger. Offen., 21 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19531813	A1	19970306	DE 1995-19531813	19950830
WO 9708148	A1	19970306	WO 1996-EP3753	19960826
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9669285	A1	19970319	AU 1996-69285	19960826
EP 847388	A1	19980617	EP 1996-930102	19960826
EP 847388	B1	20030625		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 11511449	T2	19991005	JP 1996-509844	19960826
AT 243682	E	20030715	AT 1996-930102	19960826
PT 847388	T	20031031	PT 1996-930102	19960826
ES 2202463	T3	20040401	ES 1996-930102	19960826
ZA 9607315	A	19980302	ZA 1996-7315	19960829
US 5998450	A	19991207	US 1998-11717	19980217
PRIORITY APPLN. INFO.:			DE 1995-19531813	A 19950830
			WO 1996-EP3753	W 19960826
OTHER SOURCE(S):	MARPAT 126:264007			
GI				

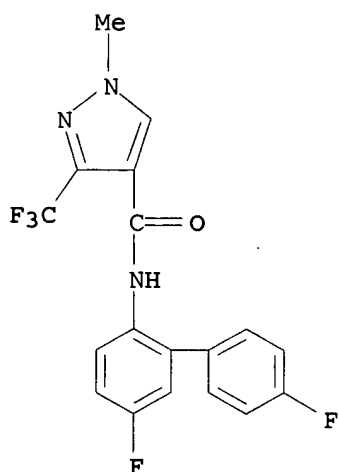


AB Title compds. (I; R1 = F; R2 = H, halo, alkyl, CF3, alkoxy, alkylthio; A = substituted pyridyl, thiazolyl, pyrazolyl), were prepared Thus, 2-amino-4'-chloro-5-fluorobiphenyl (preparation given) was stirred with 2-chloronicotinoyl chloride in THF containing Et3N at 5° to give 2-nicotinic acid 4-chloro-5-fluorobiphenyl-2-amide. Several I at 250 ppm gave 100% control of Botrytis cinerea on paprika.

IT 188731-28-4P 188731-29-5P 188731-30-8P
 188731-31-9P 188731-32-0P 188731-33-1P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of aroyl biphenylamides as agrochem. and industrial fungicides)

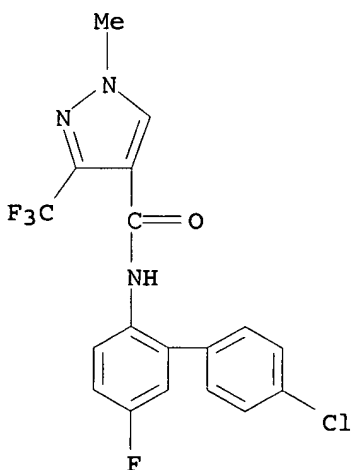
RN 188731-28-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4',5-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



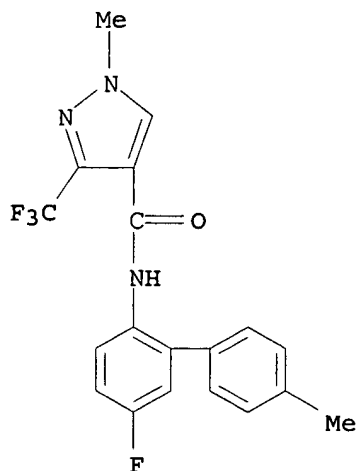
RN 188731-29-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-5-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



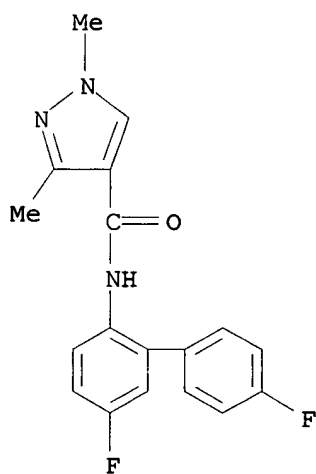
RN 188731-30-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(5-fluoro-4'-methyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



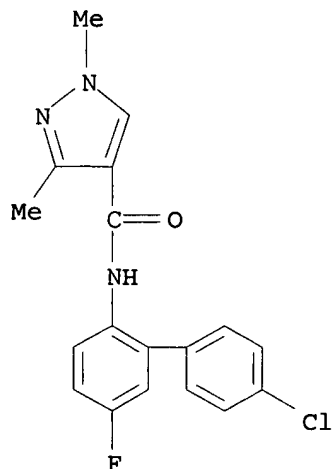
RN 188731-31-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4',5-difluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



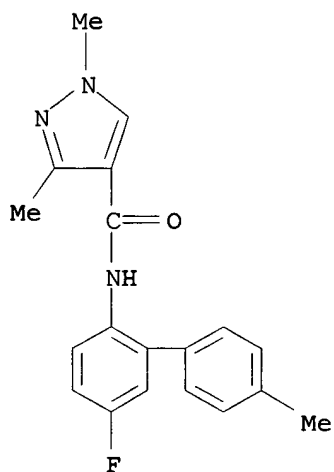
RN 188731-32-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-5-fluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 188731-33-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(5-fluoro-4'-methyl[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
151.67	318.82

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-21.00	-21.00

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